



Strong Hold™

Engineering Assessment Form Underground Concrete Pipe



Building
Stronger
Bonds™

Owner Information				Certified Installer Information			
Point of Contact				Point of Contact			
Mobile Phone				Mobile Phone			
Email				Email			
Company Name				Company Name			
Street Address				Street Address			
City, State, Zip Code				City, State, Zip Code			
Country				Country			
Project Information							
Project Name				Calculation Package			
Structure Identification				Response Time			
Estimated Start Date				Repair Window			
Pipe Component Information							
Outside Diameter (in)				Pipe Configuration (Straight/Elbow/Tee/Reducer/Flange)			
Original Wall Thickness (in)				SMYS (psi) and Class Factor			
Pipe Construction				Wall Thickness Remaining (inches)			
Concrete Strength (psi)							
Service Conditions							
Design Pressure (psi)				Design Temperature (F)			
Operating Pressure (psi)				Operating Temperature (F)			
Vacuum Pressure (psi)				Contents by Chemical (%)			
Cathodic Protection (Y/N)				Service type			
Soil Loading				Pre-stressing Wire Size (in)			
Coated (Y/N)		Buried Depth (in)		Contents by Chemical (%)			
Defect Information							
Cracks (Y/N)				Total Crack Length (feet)			
Corrosion (Internal/External/Both)				Stoppgap dimensions (in)			
Erosion (Internal/External/Both)				Number of Defects			
Axial length of the defect (in)				Remaining wall thickness (in)			
Axial length of the damaged area (in)				# of pre-stress wire breaks			
Desired repair length (in)				Pipe Segment Length (ft)			
Installation & Environmental Conditions							
Shutdown for Install (Y/N)				List Obstructions			
Skin Temp During Install (F)							
Surface Prep Restrictions (Y/N)							
Notes & Special Instructions							

If you have questions or would like assistance filling out the form then please call HJ3 technical support at +1 (520) 322-0010, or email engineering@hj3.com