CAID Industries is a world leader in the design, fabrication, integration, and commissioning of pump barges for mining applications. Over the last 20 years, CAID has delivered barges throughout North and South America for tailings reclaim water, raffinate and other highly corrosive leaching solutions, and stormwater/dewatering service.

The CAID design is a robust, foam-filled steel hull barge that can be designed to meet US Coast Guard standards for floating work platforms. Our barges have been in service with little to no maintenance required due to the workmanship and detailed design that make CAID a leading custom fabricator in the industrial market. CAID has the in-house engineering staff to perform the structural, stability, flotation, process/piping and electrical design to provide a turnkey barge pumping solution.
CAID’s Fluid Solutions Group has the in-house engineering staff to provide turnkey engineered systems. With over 250,000 sq.ft. of manufacturing space on 25 acres, CAID can deliver single mega barges or high volume barge projects. CAID maintains the latest in manufacturing equipment from CNC Lasers/Waterjets, CNC Machining Centers, CNC Press Brakes & Automated welding that provide our customers world class products.

CAID turnkey barge solutions include the following features and options:

- In-house engineering staff to design the complete barge system
- Recommendation and supply of pumps, motors, auxiliary equipment
- On site commissioning services worldwide
- Design displacements range from 10,000lb to 200,000lb
- Multiple pump arrangements available
  - Single pump per barge
  - Up to five pumps per barge
  - Modular arrangements with single pump barges ganged together to a common floating header barge
  - Detachable pump barges for maintenance without shutting system down
- Manual ballast systems with removable sump pumps or active ballast with PLC controlled pumping based on pitch and level
- Electrical options including lighting and distribution on the barge and VFDs or motor starters on shore
- OSHA compliant FRP or steel handrail and non-skid walking surfaces
- Floating walkway and cable tray to shore
- Removable pump screens and other maintenance options