

Engineered Water Management



Specify a system that can provide a dry work condition while saving both time and money on the project.

As an engineer designing projects that require in-water work you're well aware of the unique challenges involved with effective water management design. Traditional cofferdam and water diversion approaches are often specified to allow the work to take place in the dry, but these can be very cumbersome – from a cost, environmental and scheduling perspective. Subsurface conditions, site conditions, site access and logistics often pose significant challenges to identifying the optimal design of a comprehensive engineered solution.

For over 35 years, Portadam has been utilized as an effective means of temporary cofferdam, water diversion, impoundment and flood control. Our system has been used in over 5000 water-related projects both nationally and internationally. The Portadam system has no environmental impact due to its freestanding nature. Additionally, no ground penetration is typically required, thereby minimizing subsurface risk (environmental, cost and schedule) usually associated with sheet piling. An added benefit is that dewatering of excavated material is minimized.

We provide free consultation, budget pricing and site surveys.

Please contact us to discuss how integrating Portadam can benefit both the Engineering and Construction phases of a project.

Key Advantages

- Flexible design allows custom layout
- Can be used in flowing waters
- Leaves subsurface undisturbed
- Quicker, less manpower and equipment for setup/removal than sandbags
- Minimizes dewatering of excavated material

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