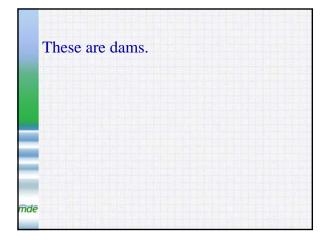
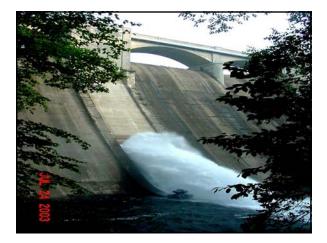




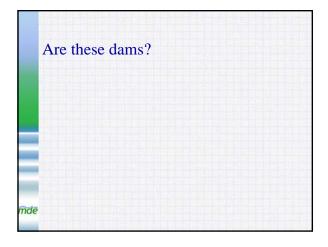
A dam is any obstructive embankment together v	
worksconstructed fo storing or diverting wa	r the purpose of





















## **Engineering Report**

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- Alterations to the existing impoundment structures such as the reservoir embankment are subject to Maryland Dam Safety approval...
- It is expected that the construction of a selfsupported (pre-cast,pre-stressed or cast-inplace) reservoir would eliminate the Dam Safety requirements...

## environment DAMSAFE TY

Large Water Tanks Spur Safety Questions Some officials believe covered reservoirs and water tanks should be regulated as dams. 0192007 By William J. Angelo

✓The security concerns and recersivater-quarity regulations push authorities to cover more U.S. reservoirs or use large steel or concrete storage tanks for potable water supply, new questions are emerging over whether these water impoundments should be regulated as dams in order to ensure public safety.





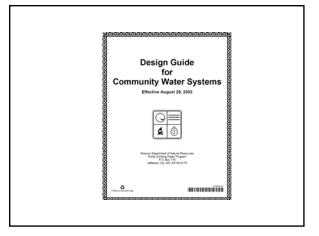
Visual Screening





## Replacing Leaky Tanks A Priority • North Andover officials are moving quickly to replace two leaking water tanks that are sending an estimated 34,000 gallons per day into neighboring properties... • It's affecting their yards, ruining their trees...

• The Boston Globe July 17,2005



## 2.4. Siting Requirements.

mde

- Sting Requirements.
  Site shall not be subject to a significant risk from floods, fires, pollution, or other portion thereof.
  Non-submersible intake pumping equipment and accessories shall be located or protected to at least four feet above the 100-year flood elevation or the highest flood elevation on record.
  The department shall be consulted regarding any structure that may impede normal or flood stream flows.

- or flood stream flows.
  In earthquake prone areas, structures should be designed to withstand earthquake effects.

Aug. 29, 2003 Page 15

