

WSSC Ad-Hoc Committee on Large Diameter Water Mains

High-Level Framing and Bucketing of Potential Solutions, October 23, 2013
(Categories A, B and C Amended - Report Writing Work Group November, 2013)

Categories of Potential Solutions

- A. Prevention: Reducing the Number of Breaks from Occurring
 - 1. Overarching Issue for Prevention: Prioritization
 - 2. Monitoring and Leak Detection Ideas
 - 3. Break prevention: Pipe Reinforcement, Repair and Replacement Ideas

- B. Mitigation: Reducing the Impacts from Breaks
 - 4. Overarching Issue for Mitigation: Mechanisms for Cross-Agency Coordination
 - 5. Overarching Issue for Mitigation: Building and Land Rules and Regulations
 - 6. Addressing Problems Associated with Flooding
 - 7. Addressing Problems Associated with Craters
 - 8. Addressing Problems Associated with Explosive Force (Water jet and Debris throw)

- C. Response: Reducing the Disruption to Daily Life from Breaks
 - 9. Overarching Issue: Emergency Response and Coordination
 - 10. Getting the Water flowing again
 - 11. Keeping People impacted by a Break informed
 - 12. Reducing the Traffic Impacts of a Break