



- Leak Trigger List:**
- 1) Sudden drop in upstream discharge pressure
  - 2) Sudden change in upstream control valve throttling
  - 3) Sudden drop in downstream suction pressure
  - 4) Sudden change in downstream control valve throttling
  - 5) Sudden drop in holding pressure at delivery location

**Recognize Situation:**  
 - Field Presence  
 - Change in State

**Type of Flow on Pipeline\*:**  
 High: 15-30 Minutes  
 Medium: 15-45 Minutes  
 Low: 15-60 Minutes  
 Low-Low: 15-60 Minutes

- PLM  
 - SCADA  
 - SIMSUITE

**Scope:**  
 - Field Presence  
 - Aerial Patrol  
 - Other Balances

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\* Based on the Following Flow Rates:  
 High = >250 m<sup>3</sup>/h  
 Medium = 150-250 m<sup>3</sup>/h  
 Low = 50-150 m<sup>3</sup>/h  
 Low Low = 0-50 m<sup>3</sup>/h