

Tabletop Exercise: Leak Investigation/ Emergency Response

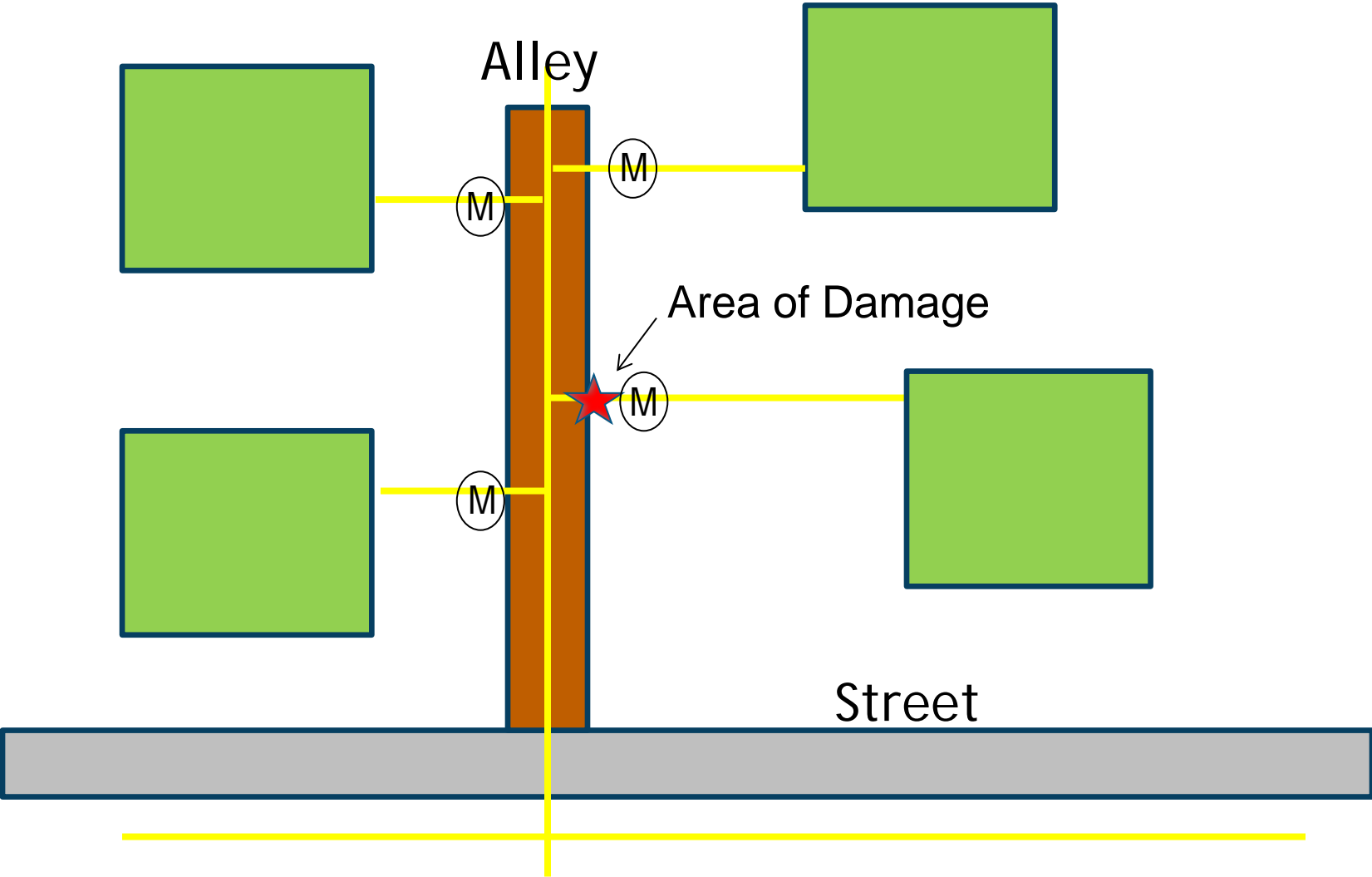
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Scenario:

- City of YourTown, KS
- Cold, winter day
- Receive a call about a gas line hit
- Caller had rented a mini-excavator and was doing work in their backyard –no locate ticket

System Map



Your move...

- How did customer contact you?
- Going to the scene
 - Tools to bring?
 - How do you approach scene?

More information...

- Mini excavator sitting in alley and a fence installation in progress.
- Hit service line near meter, it is kinked and lightly blowing, strong gas odor in area
- Ground seems pretty frozen
- Steel service line and main

How would you respond?

More information...

- Use Flame Ionization (FI) tool and you find indications of gas over a large area in the alley and adjacent backyards.

What next?

More information...

- Use your CGI to bar-hole and find:
- 100% gas readings over the main in the alley
- 2% gas against the neighbor's foundation
- 0% gas in the sewer –also in the alley

How would you respond?

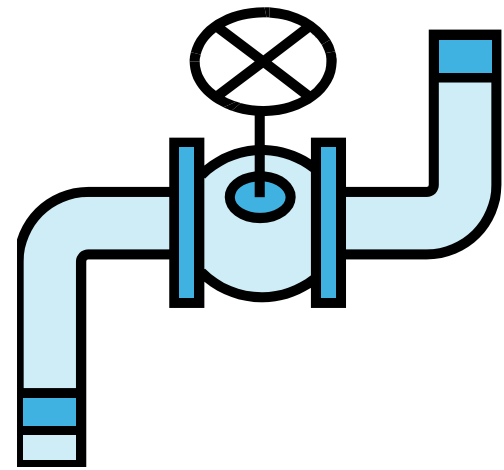
Actions to Consider:

- Remember Public Safety!
- Emergency Plan
- Eliminate ignition sources



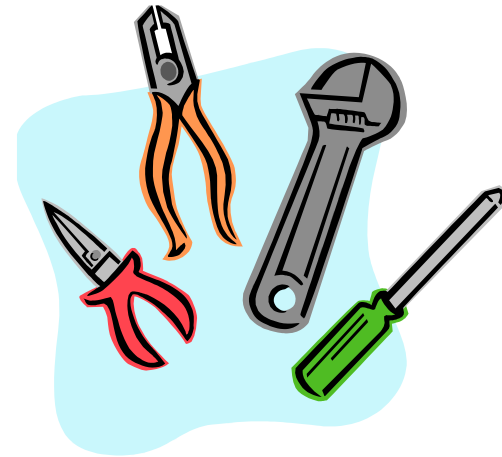
Next step...

- Shut the gas flow off!
- Considerations:
 - Emergency Valves
 - Vent the area



More information...

- Gas is shut off
- Dig up the main to find the service line separated at the tap
- Isolate the area
- Repair options



Finally...

- Repair complete!
- The neighborhood folks are cold!
- How do you get their gas back on safely?



What are your next steps...?

Congratulations! Incident Avoided!

How would these have affected your response?

- You were out of town when this happened
- You had found gas in the sewer
- The main and/or service was plastic
- Gas had ignited

The End Questions?

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