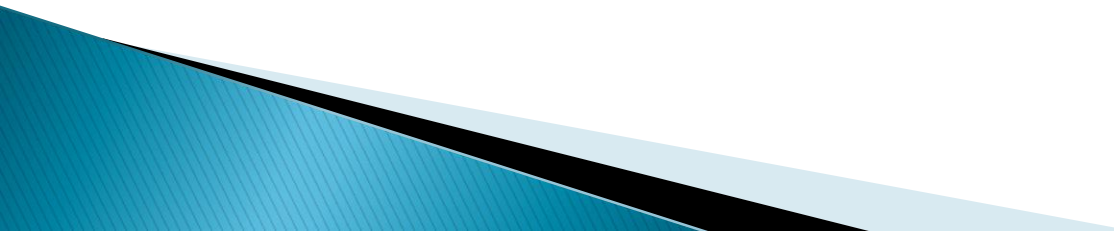


# Citizens Advisory Panel Meeting No. 1

6:30 p.m.  
June 17, 2010



# Meeting Agenda

- ▶ Introduction
  - ▶ Explanation and Review of Project
  - ▶ Project Map
  - ▶ Building Site Selection Technical Considerations
  - ▶ Open White Board Discussion – Public Site Selection Considerations
  - ▶ Adjourn
- 

# Introductions

- ▶ Madison Water Utility Project Manager – Al Larson, P.E.


- ▶ Consultant

- Project Manager– Andy Mullendore, P.E.
- Facilitator – Tom Lynch, P.E., PTOE

- ▶ Citizens Advisory Panel

- Sheri Carter
- Chuck Friedrichs
- Tracy Fuller
- Roger Hanson
- Bryan Manning
- Harry Sulzer
- Ray Walker
- Ken White
- Patty Zahler

# Review of Project – Public Participation Process

- ▶ Establish the Project – Completed June 2009
  - Improve Available Fire Flow
  - Improve System Reliability
  
- ▶ Evaluate Alternatives – Completed September 2009
  - Selected alternative was to construct a pump station in conjunction with construction of the Cannonball Trail Water Main
  
- ▶ Site Selection 
  
- ▶ Architectural Features

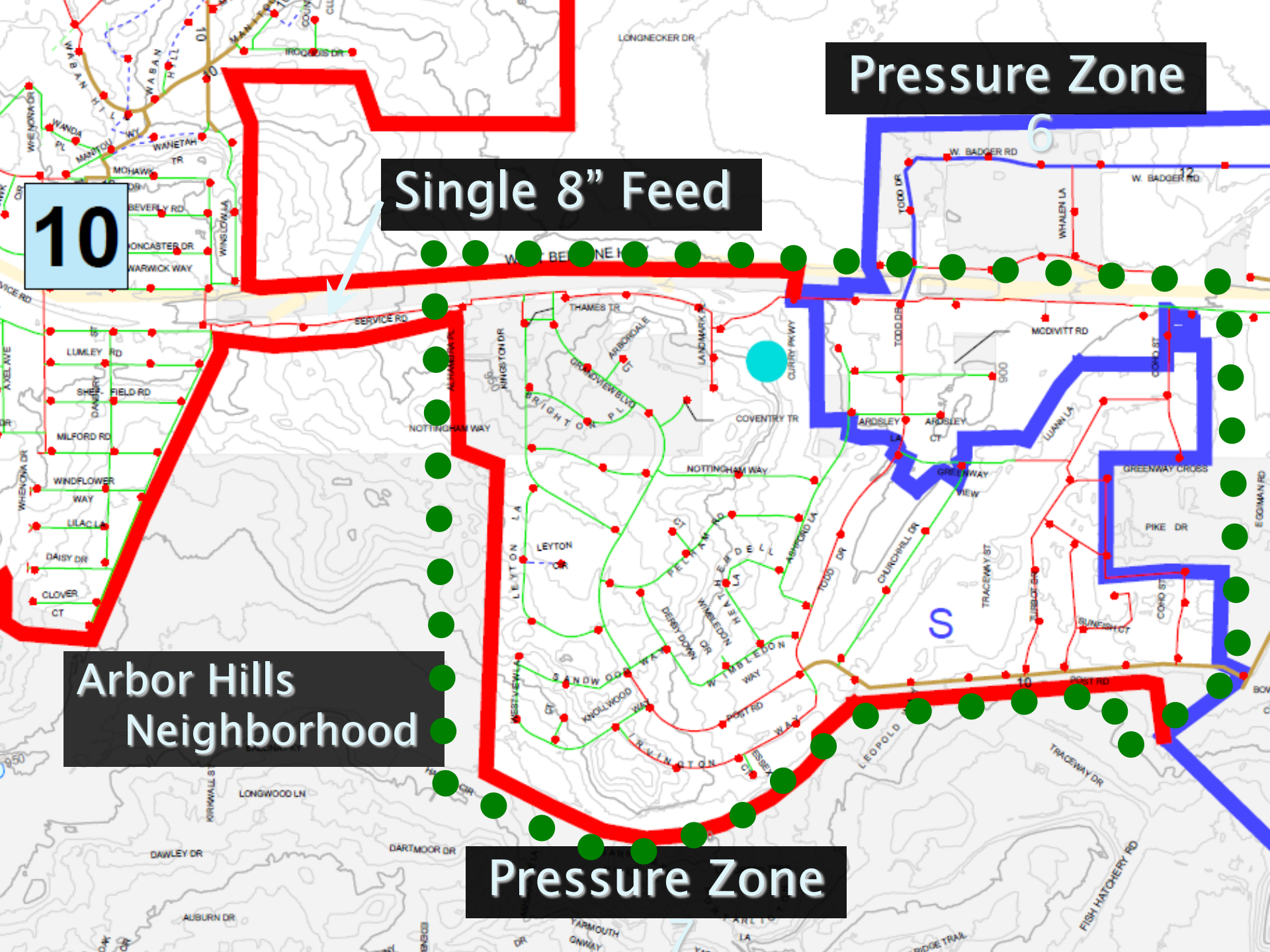
Pressure Zone

Single 8" Feed

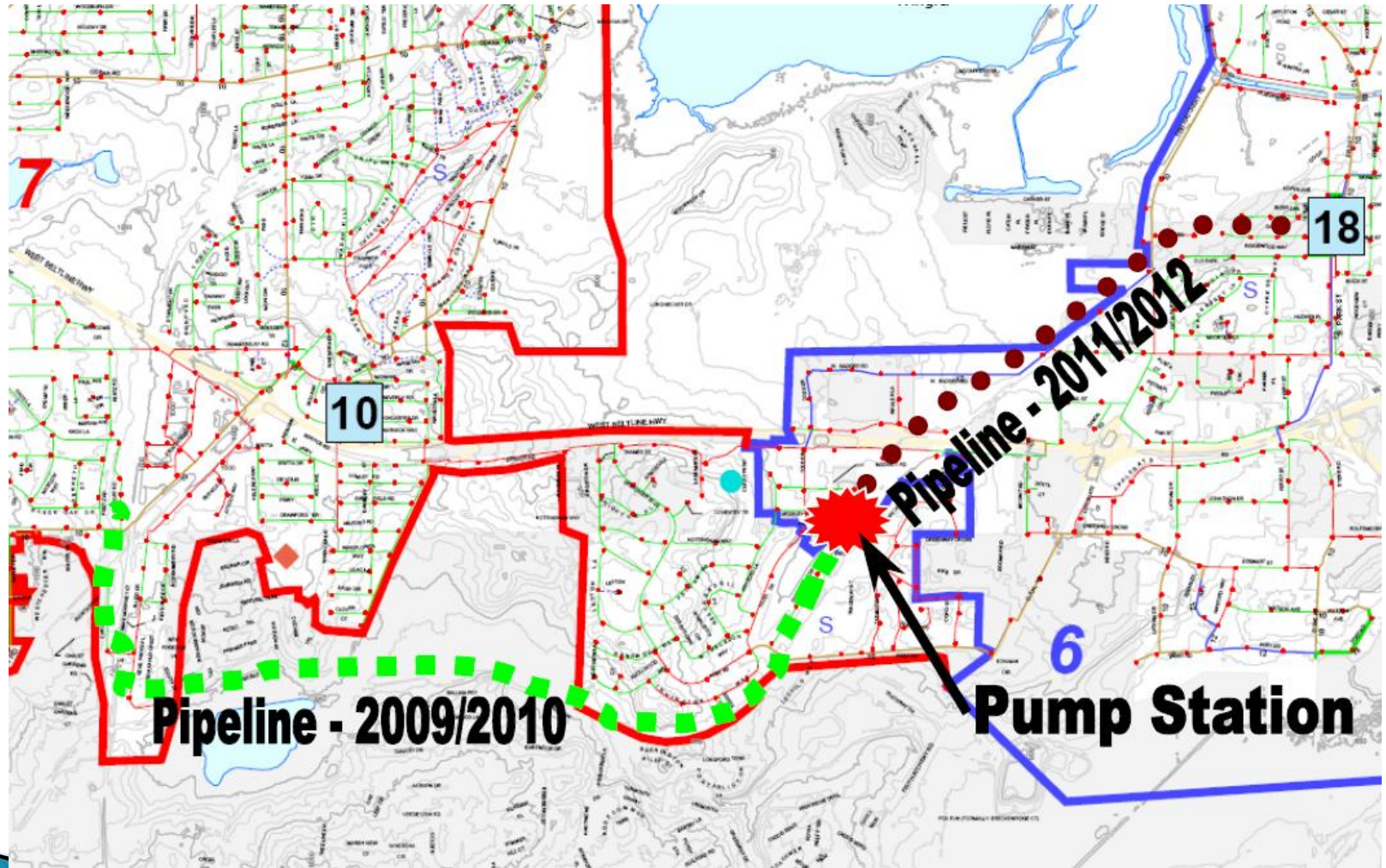
10

Arbor Hills Neighborhood

Pressure Zone



# Project Schematic



# Project Map

(as presented at the public meeting)



# Building and Site Selection – Technical Considerations

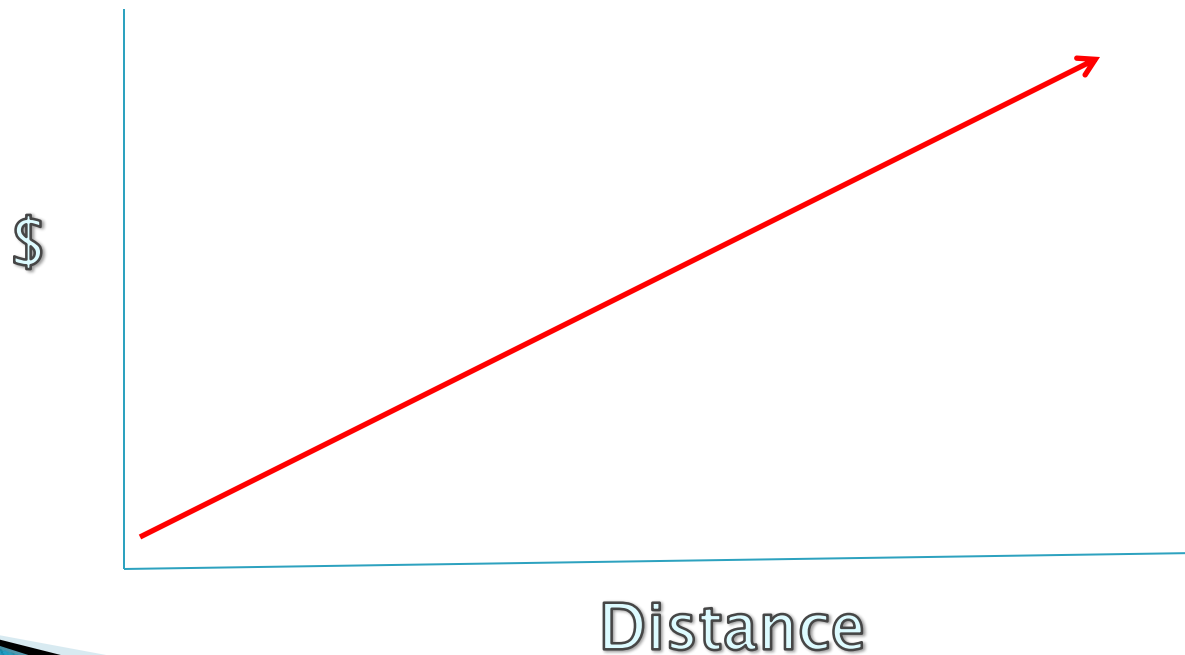
## ► Size Needs

- Building to house booster pumps, controls, restroom and future satellite chemical addition requires 1000 to 1200 square feet for a building foot print.
- Lot size needs to be about the size of a typical house lot.



# Building and Site Selection – Technical Considerations

- ▶ **Location Relative to Cannonball Trail Water Main**
  - Impacts construction cost – extending water main to and from site
  - Impacts operational costs – energy consumption increases with greater distance



# Building and Site Selection – Technical Considerations

## ▶ Location of Sewer

- Building drainage to the sewer system is a necessity

## ▶ Site Access

- Site is visited once per day. Paved access to site is a necessity.

## ▶ Power

- 480 volt power must be extended to the site. Location may impact cost of providing service to the site.

## ▶ Past Use of Site

## ▶ Soil Conditions

# Open White Board Discussion

- ▶ Development of additional criteria for site selection

# Thank You!

*Quality and Reliability since 1882*

**Madison  
Water  
Utility**

