

# Arbor Hills Supplemental Fire Flow Supply

*Quality and Reliability since 1882*

**Madison  
Water  
Utility**



1<sup>st</sup> Public Hearing

June 23, 2009

# Introductions

➤ *Project Manager: Al Larson P.E.*

➤ *Citizen's Advisory Panel (CAP)*

Sheri Carter

Chuck Friedrichs

Tracy Fuller

Roger Hanson

Bryan Manning

Harry Sulzer

Ray Walker

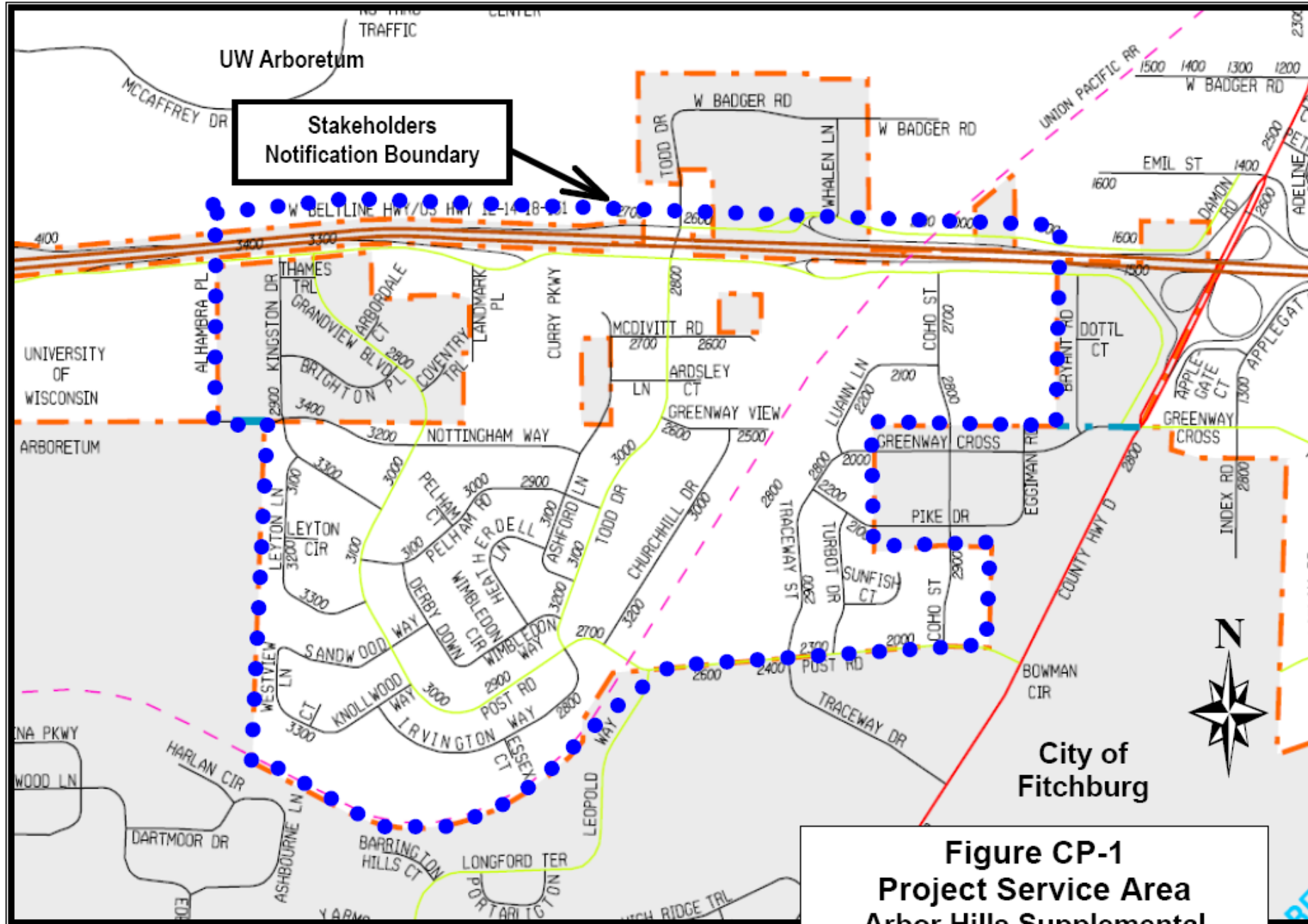
Ken White

Patty Zahler

# Public Participation Process

1. *Establish the Project*
2. Evaluate Alternatives
3. Site Selection
4. Architectural Features



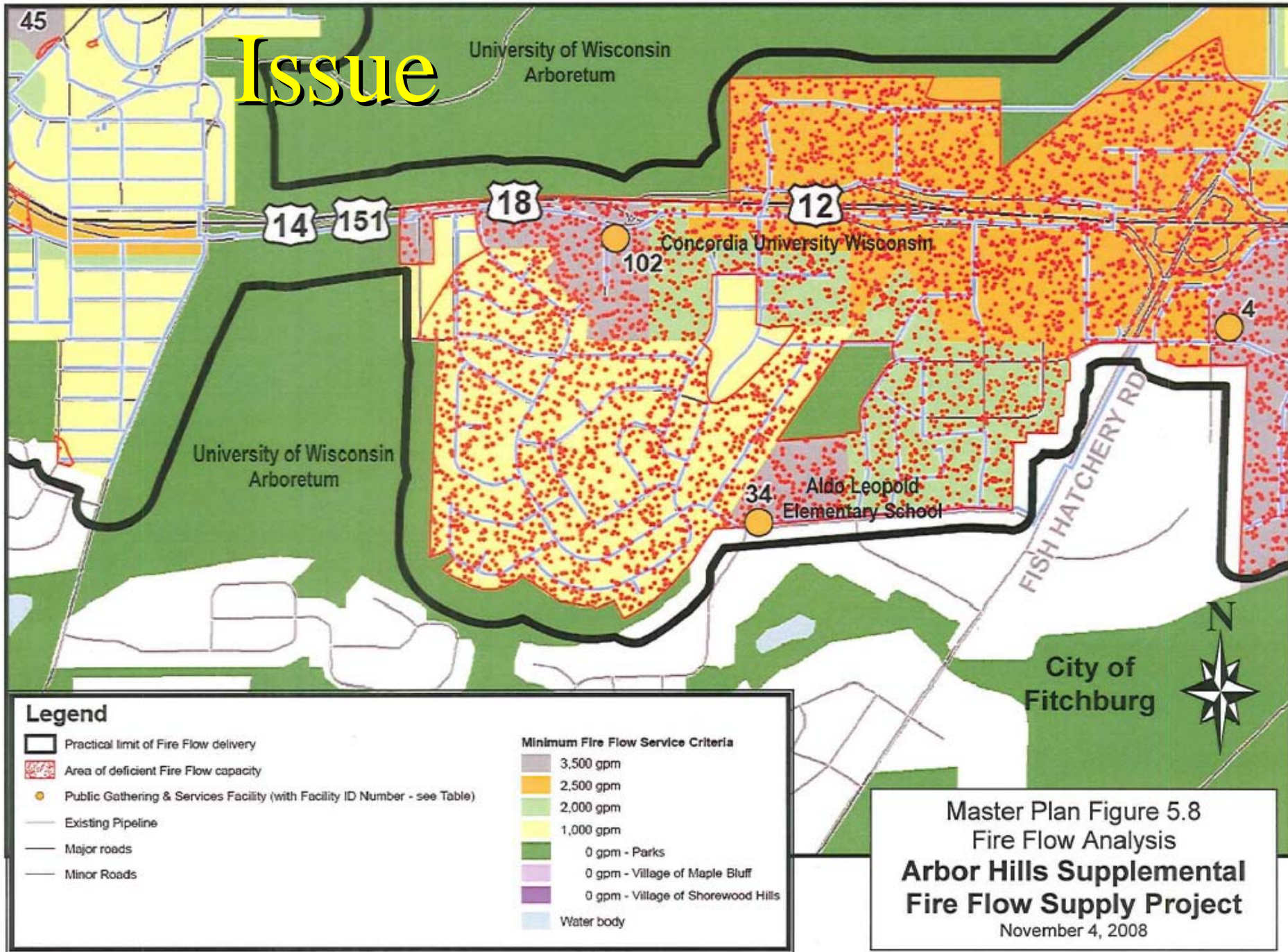


**Stakeholders  
Notification Boundary**

**Figure CP-1  
Project Service Area  
Arbor Hills Supplemental  
Fire Flow Supply Project**  
March 13, 2009

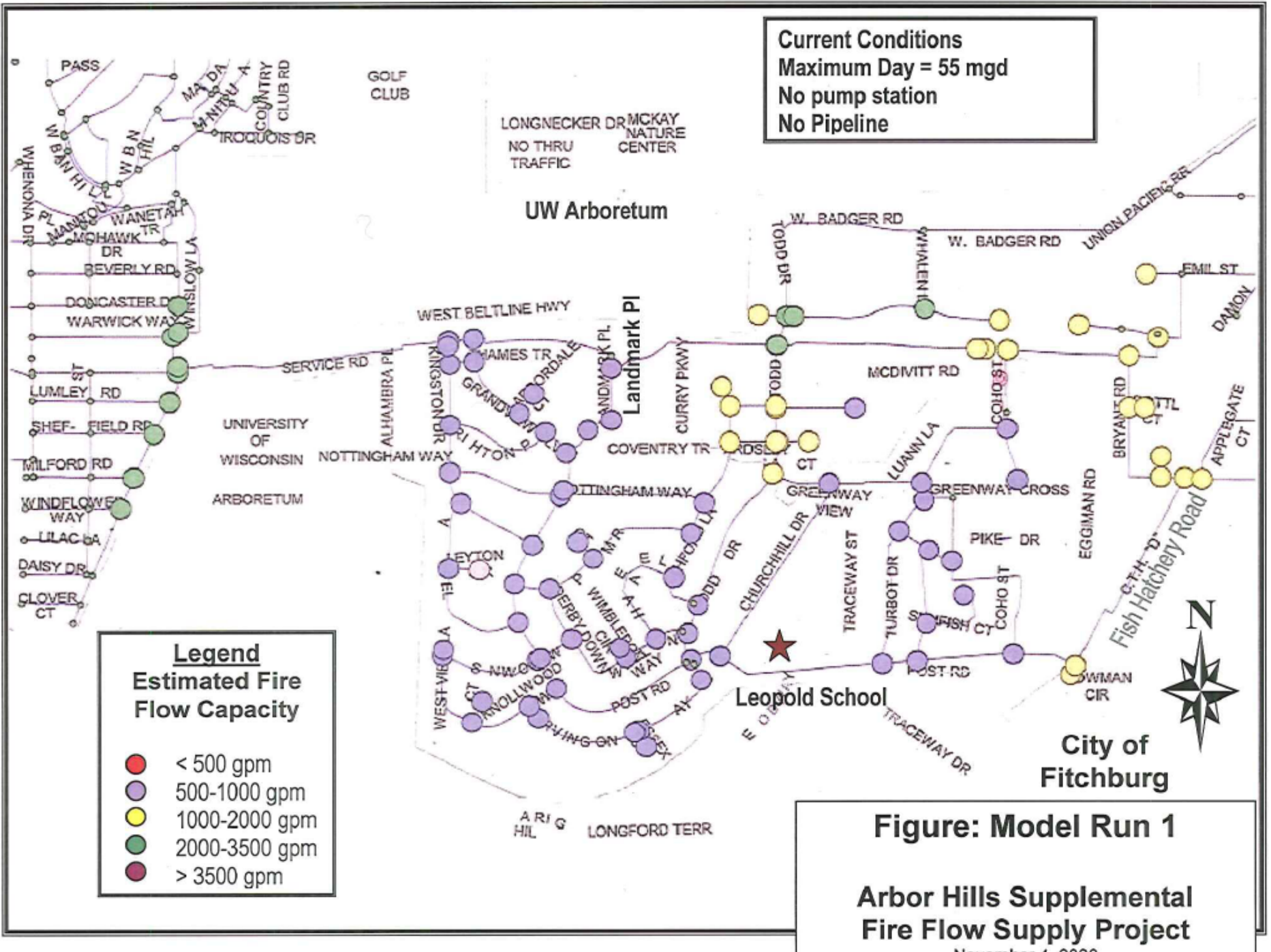


# Issue









GOLF CLUB

LONGNECKER DR MCKAY NATURE CENTER  
 NO THRU TRAFFIC

UW Arboretum

Landmark PI

Leopold School

City of Fitchburg



PASS  
 W B N HI LL  
 W B N HIL  
 MA DA  
 M NITU A  
 COUNTRY CLUB RD  
 IROQUOIS DR  
 WENONA DR  
 PL MANICOL  
 WANETAH  
 MCHAWK TR  
 BEVERLY RD  
 DONCASTER D  
 WARWICK WAY  
 WINSLOW LA  
 LUMLEY RD  
 SHEF-FIELD RD  
 MILFORD RD  
 WINDFLOWER WAY  
 LILAC BA  
 DAISY DR  
 CLOVER CT

UNIVERSITY OF WISCONSIN ARBORETUM

WEST BELTLINE HWY

SERVICE RD

KINGSTON DR  
 GRANDS W LV  
 HORTON  
 ALHAMBRA PL

LANDMARK PL

CURRY PKWY

TODD DR  
 W. BADGER RD

W. BADGER RD

UNION PACIFIC RR

EMIL ST

DAMON

MCDVITT RD

COHO ST

BRYANT RD

APPLIGATE CT

COVENTRY TR

RDSL CT

GREENWAY VIEW

LUANN LA

GREENWAY CROSS

PIKE DR

EGGIMAN RD

COHO ST

FISH CT

POST RD

SWIMAN CIR

Fish Hatchery Road

NOTTINGHAM WAY

OTTINGHAM WAY

CHURCHILL DR

TRACEWAY ST

TURBOT DR

TRACEWAY DR

PIKE DR

COHO ST

EGGIMAN RD

APPLIGATE CT

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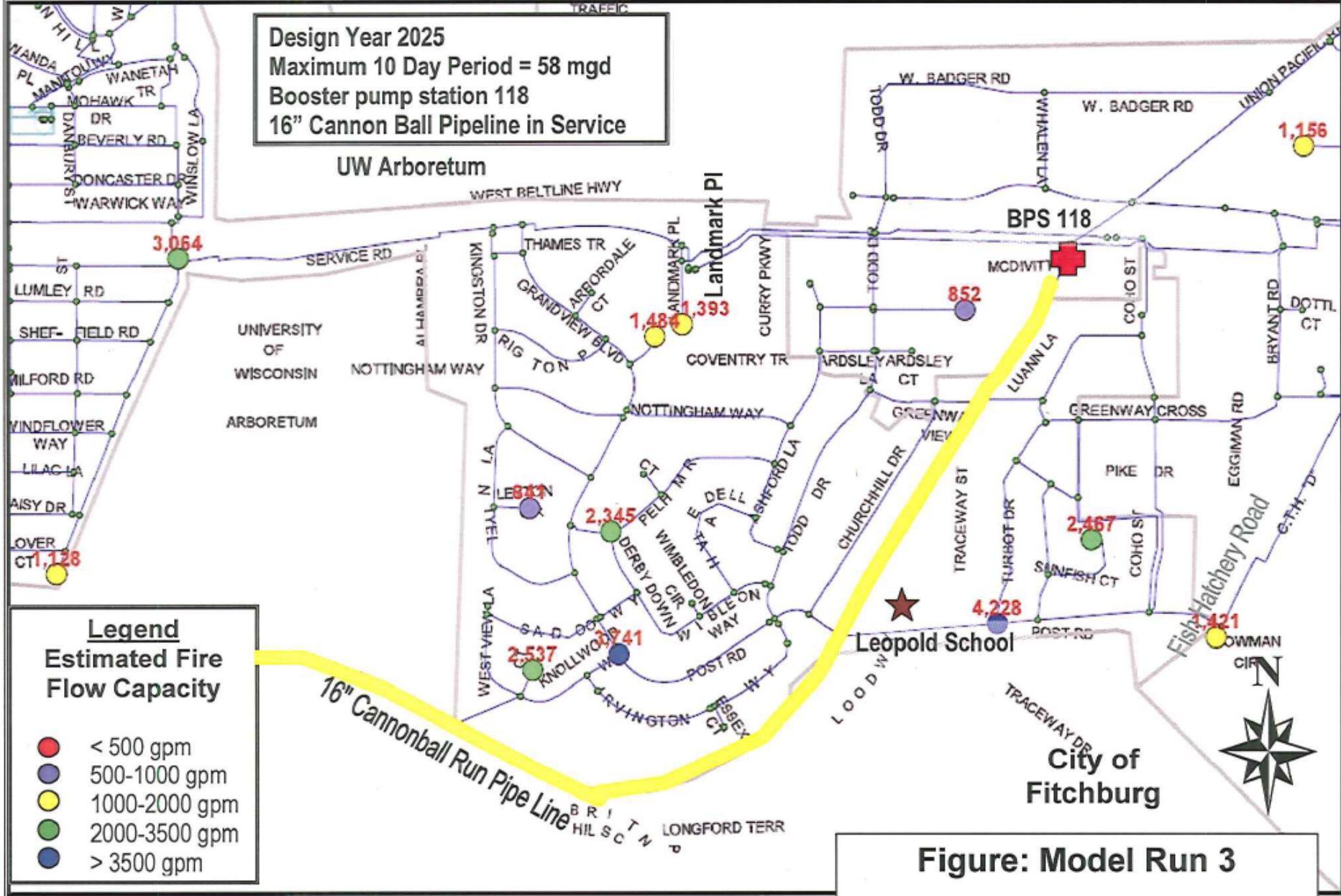
TURBOT DR

TRACEWAY DR

PIKE DR



Design Year 2025  
 Maximum 10 Day Period = 58 mgd  
 Booster pump station 118  
 16" Cannon Ball Pipeline in Service



**Figure: Model Run 3**

**Arbor Hills Supplemental Fire Flow Supply Project**  
 November 4, 2008



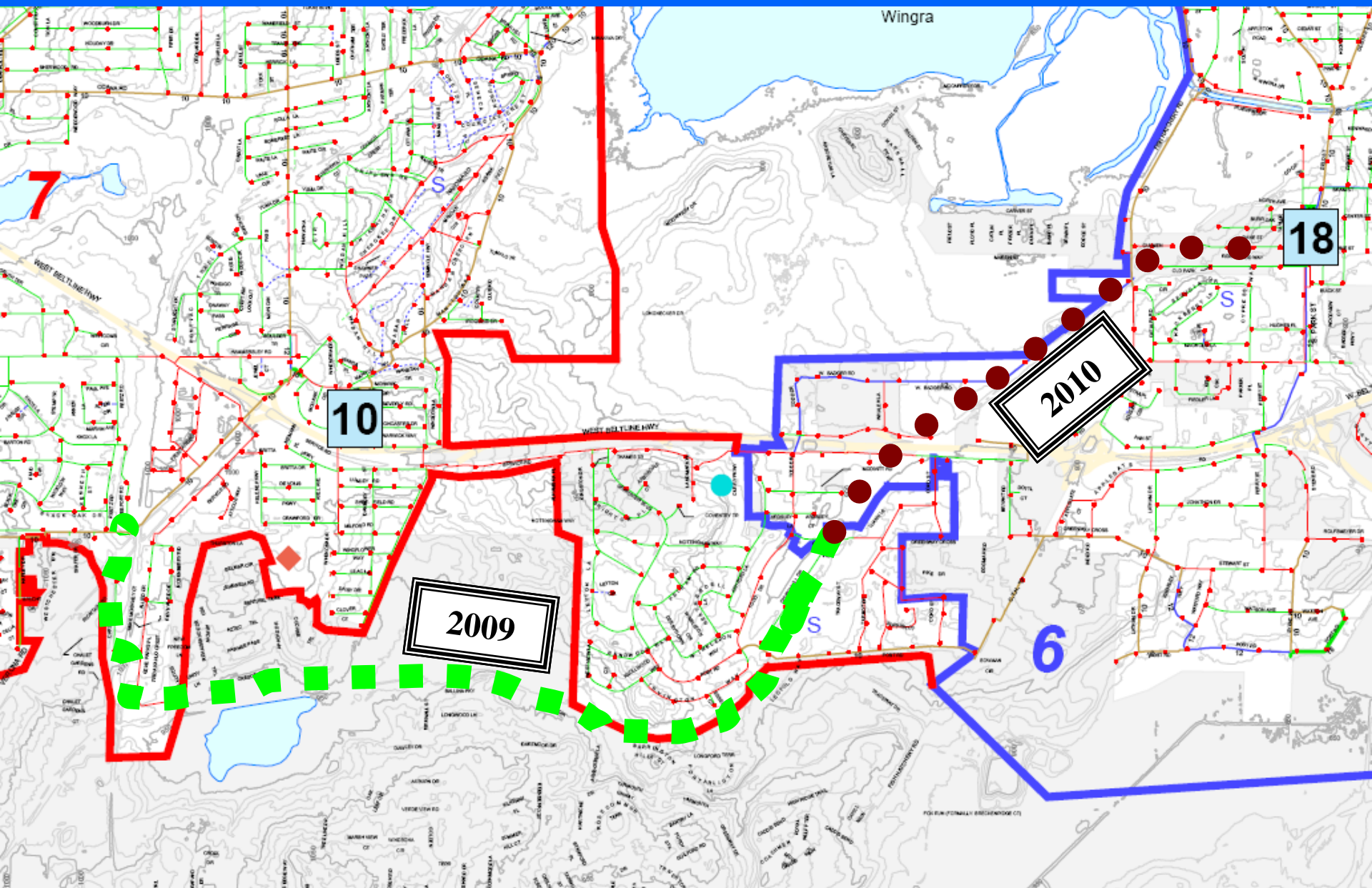
# Alternatives

1. Maintain the status quo
2. Construct pumping station and pipeline along the proposed bike path
3. Drill a new well
4. Acquire water from Fitchburg
5. Construct a 750,000 gallon elevated tank

# Recommendations

- A pump station and pipeline was recommended in the Utility Water Master Plan
- It is recommended to establish a project to provide reliable water supply and fire protection to the Arbor Hills area.

# Full Project





# Questions?



**Madison Water Utility**  
**119 East Olin Avenue**  
**[www.madisonwater.org](http://www.madisonwater.org)**