

## Maximizing Water Use in a Changing Western Landscape

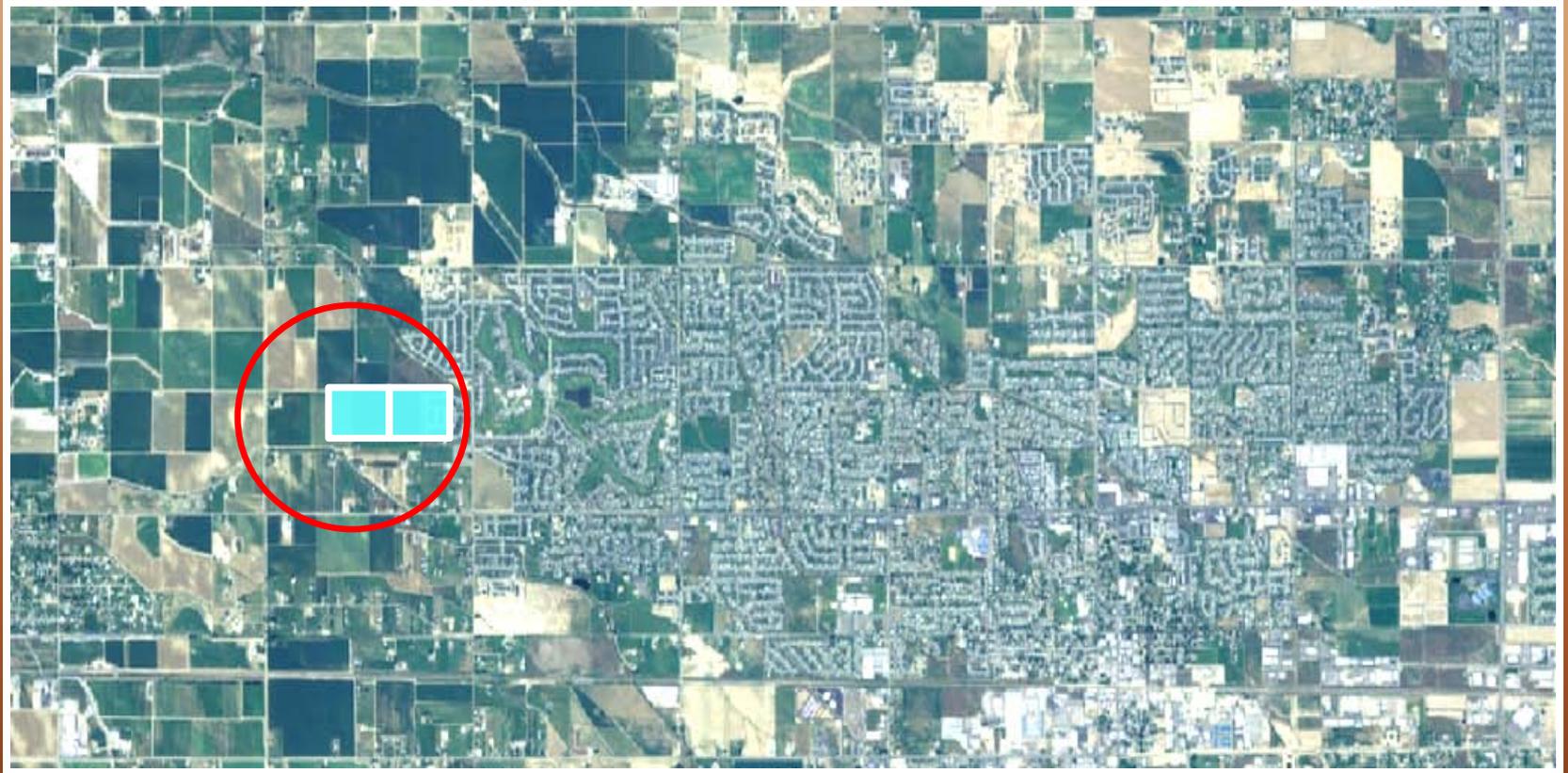
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**Jeffrey C. Fereday**

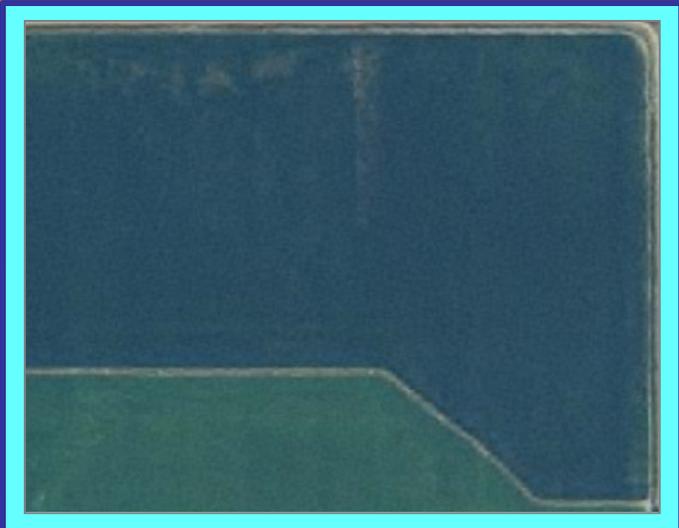
**Michael C. Creamer**

**April 15, 2011**

# Treasure Valley Urbanization



# Urbanization of Agricultural Land



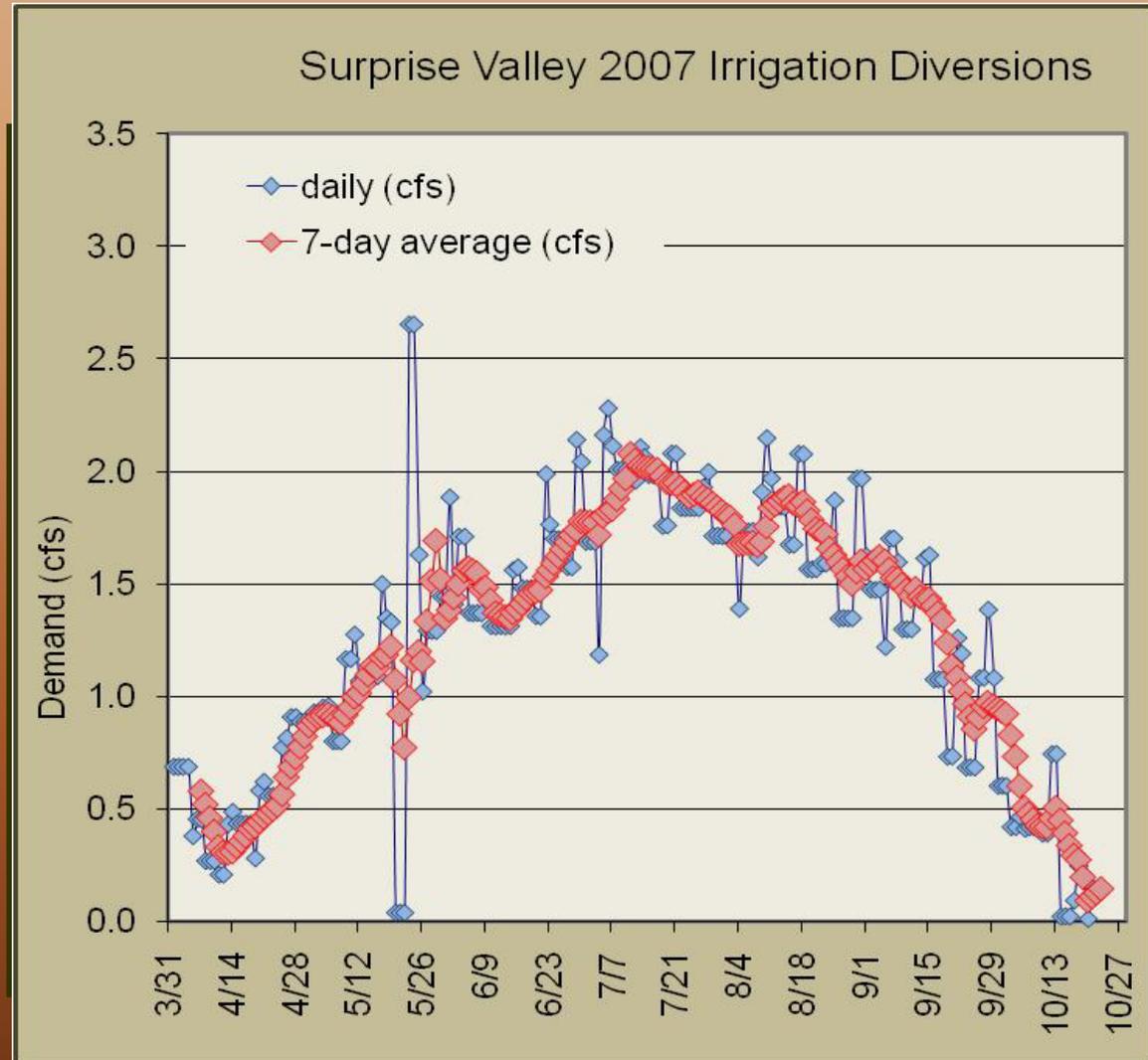


**Turf farmer irrigates each area once every 4-7 days.**

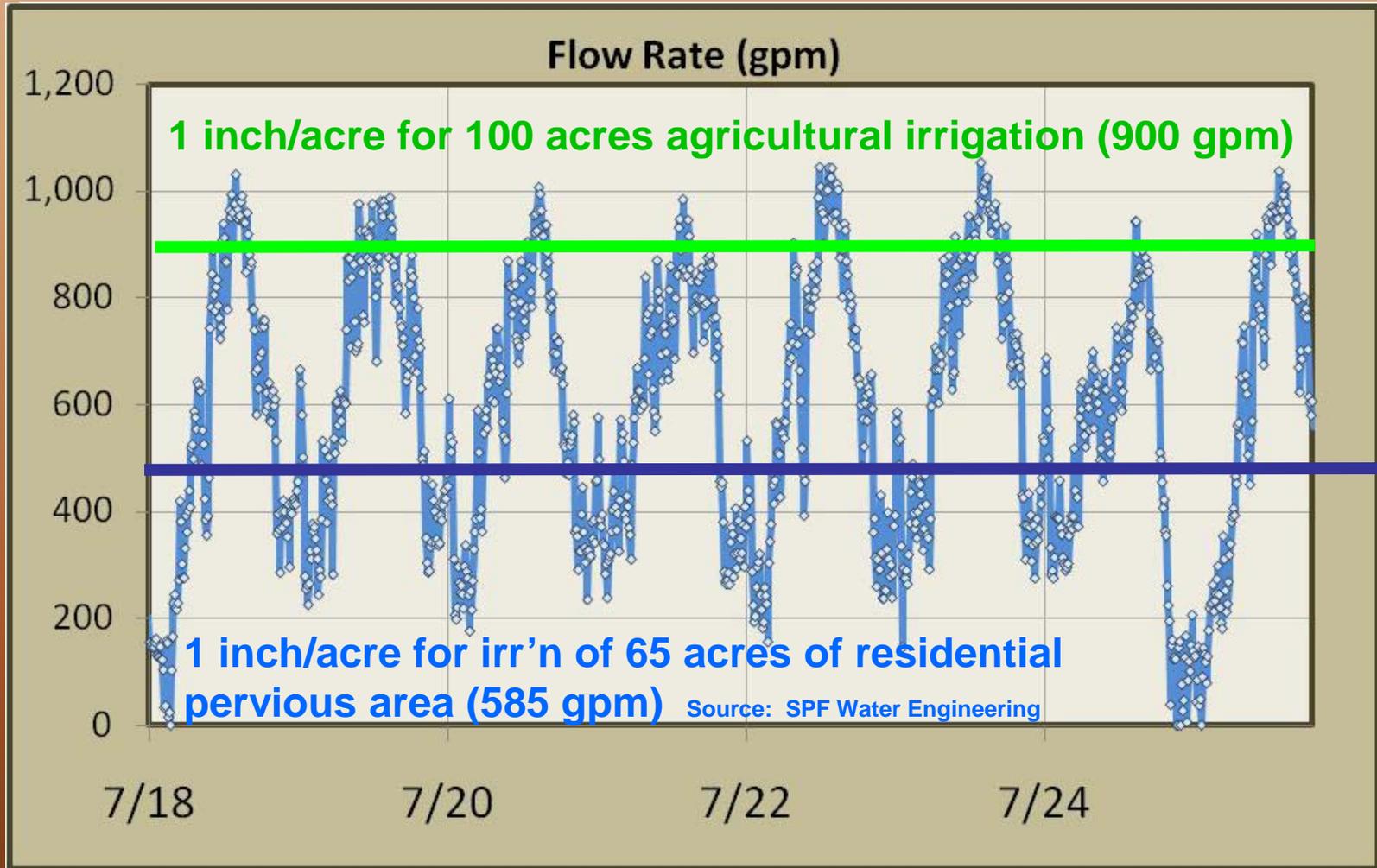
# Pressurized Irrigation System

- ~ 60% Irrigated
- 4.2 to 4.4 AF/acre for actual irrigated area
- 2.5 to 2.6 AF/acre for gross area

Source:  
SPF Water Engineering



# Pressurized Residential Irrigation System



Hypothetical example

## PRESSURIZED IRRIGATION SYSTEM FLOW MONITORING - BOISE, IDAHO

