

# Water System

# Build Out Pattern



# Breaks



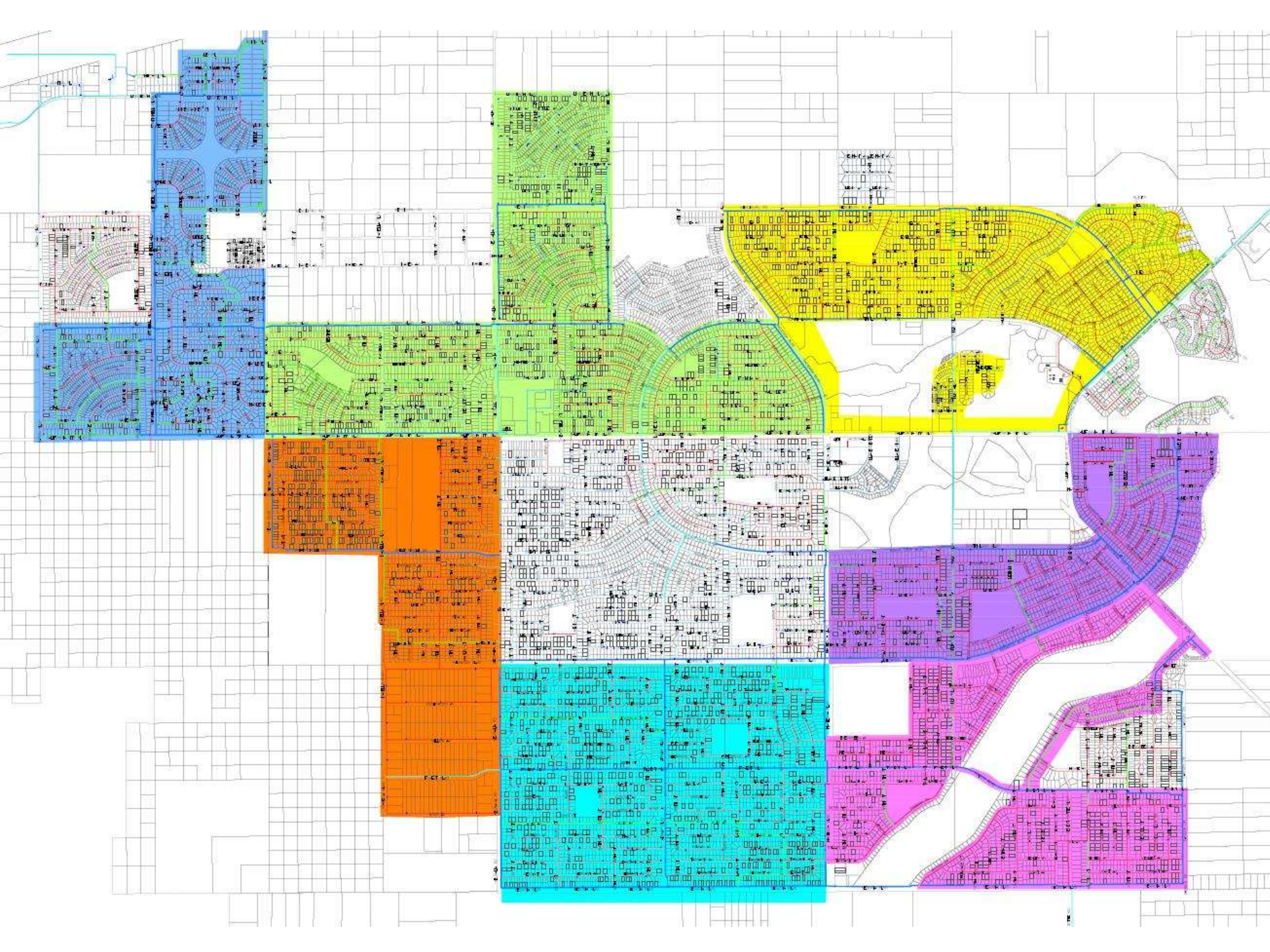


# Collateral Damage









# Water Main Replacement

<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Item Cost</u>
12-inch Water Main	86,560	lf	\$50	\$4,328,000
8-inch Water Main	877,748	lf	\$30	\$26,332,440
12-inch water Valves	60	ea	\$3,500	\$210,000
8-inch Water Valves	2,155	ea	\$2,200	\$4,741,000
Fire Hydrant Assembly	1,930	ea	\$2,900	\$5,597,000
Water Service Replacement	2,500	ea	\$250	\$625,000
Subtotal				\$41,833,440
Contingency (15%)				<u>\$6,275,016</u>

**Total**

**\$48,108,456**

# Water Master Plan Upgrades

<u>Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Item Cost</u>
16-inch Water Main	75,980	lf	\$66	\$5,014,680
10-inch Water Main	5,300	ea	\$40	\$212,000
8-inch Water Main	3,500	ea	\$30	\$105,000
New Water Well	1	ea	\$1,125,000	\$1,125,000
Water Well Rebuild	3	ea	\$300,000	\$900,000
2.5 MG Reservoir	1	ea	\$2,110,000	\$2,110,000
1.0 MG Reservoir	2	ea	\$1,055,000	\$2,110,000
Subtotal				\$11,576,680
Contingency (15%)				<u>\$1,736,502</u>

**Total**

**\$13,313,182**

**\$60,000,000.00**

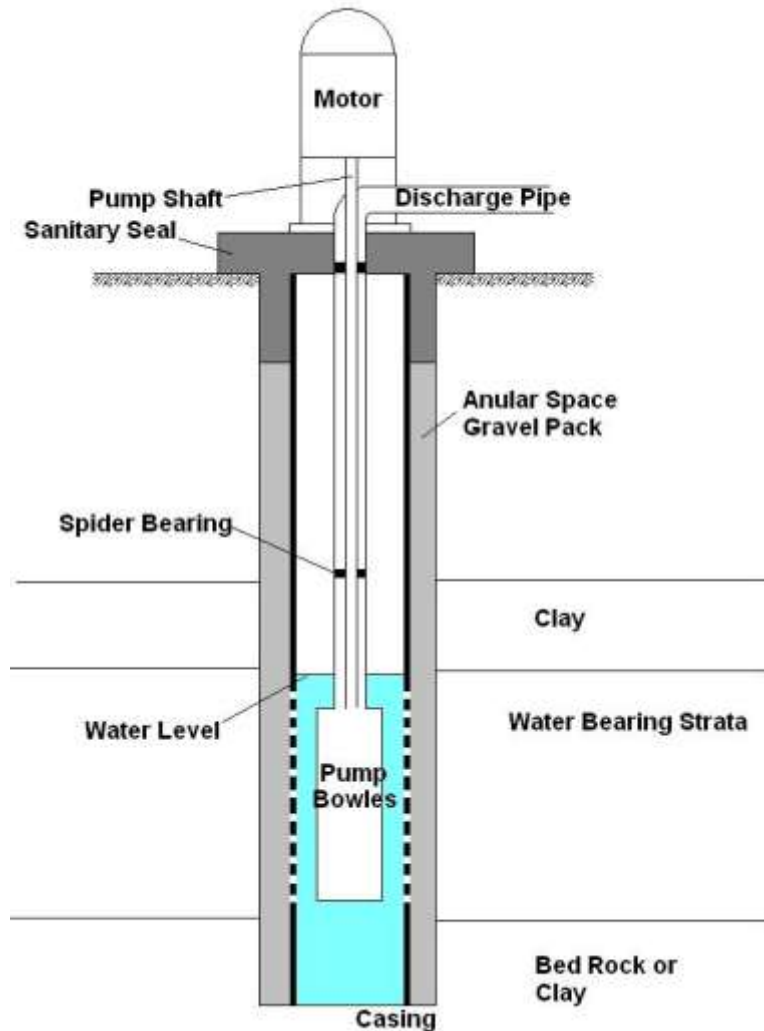
# Replace / Repair



# Well 14

## Built 1952

20%



# Well 14

## Built 1952

### Expenses

May, 2009	\$11,700.00
September, 2009	\$87,877.36
November, 2009	\$97,963.14
February, 2010	\$29,810.10
June, 2011	<u>\$65,380.13</u>

**\$292,730.73**

