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HIGH CONSUMPTION AUDITS: STUDY AND RESULTS

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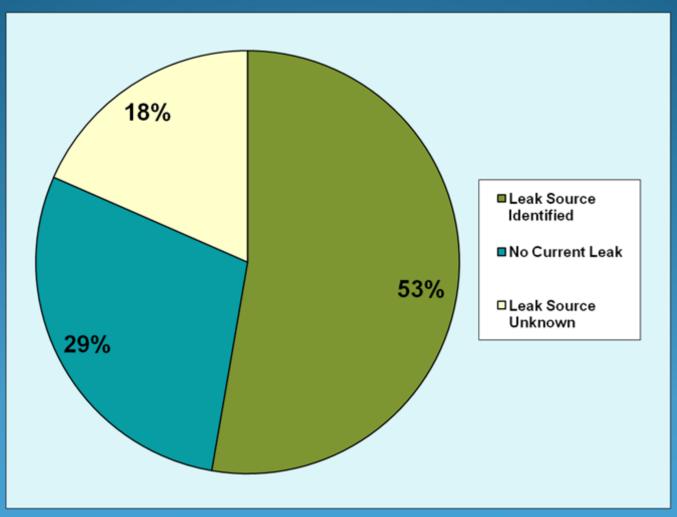
HIGH CONSUMPTION LETTERS

- The Albuquerque Bernalillo County Water Utility (WUA) sends letters to customers whose water usage shows a significant increase over the previous month
- Letters are generated based on a "flag" from the meter reader (subjective); not computer generated
- Letter encourages resident to call for a free "leak check" to determine if there is a leak, and if so, where it may be
- Letter states that leaks will not be fixed by the WUA

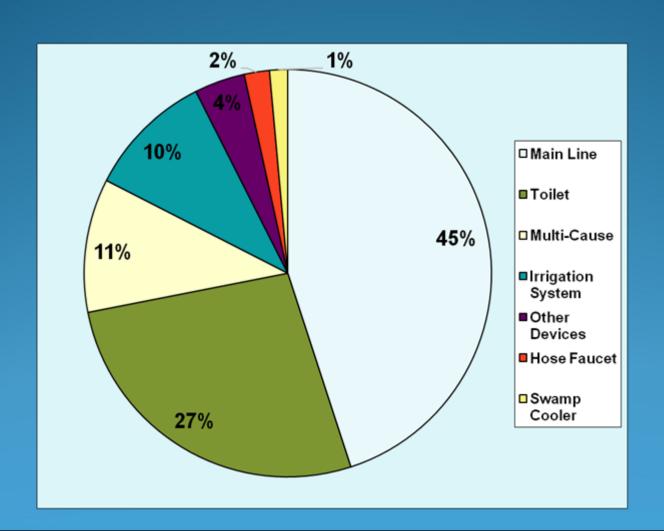
High Consumption Letters

- Letters sent Jul 2005 Oct 2007
- 21,335 letters sent
- Only 4% of those who received a letter called for an audit
- 880 audits were conducted
- Water histories were studied before and after the audits to determine impact

Results of High Consumption Audits: Leaks Found



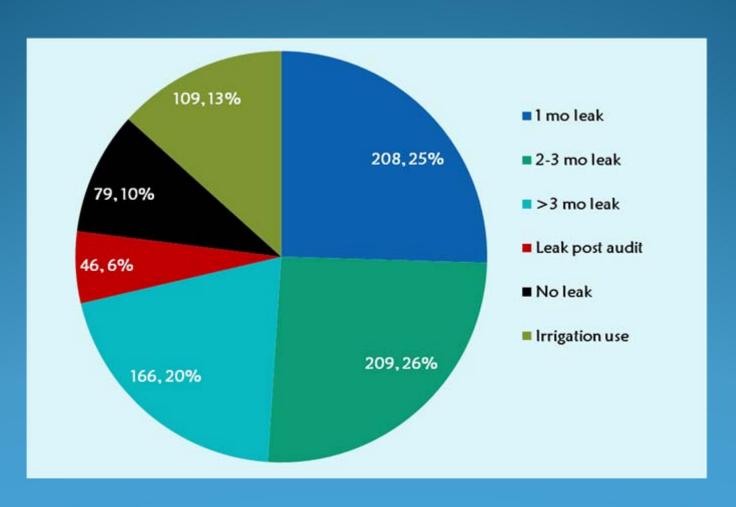
Cause of Leak Identified by Auditor



Classification of Audits Based on Water History

- Six patterns of water usage were identified for the 817 audits conducted prior to August 2007
- 1. One month leak abated after the audit
- 2. Two-three month leak abated after the audit
- 3. Gradual leak (>3 months) abated after the audit
- 4. Gradual leak with no resolution post audit
- 5. No visible leak onsite or on water history
- 6. High consumption due to rapid increase in irrigation usage

Audits in Each Category



Estimate of Water Saved

Methodology:

X = total water usage in the calendar year in which the high consumption audit was conducted

Y = average of water usage in all other years for which data is available on the account (up to 3 years)

X - Y = change in usage

Results: Changes in Usage for Each Audit Type

