

Sump Pump Inspection Program Summary



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Sump Pump Program

- Sump Pump Inspection Results
 - 797 Homes and Businesses Inspected
 - 19 Failed Inspections

Sump Pump Program

- Sump Pump Inspection Results
 - 2.4% of the initial inspections failed
 - Approximately 10 made corrections prior to the inspector performing the initial inspection
 - Overall roughly 30 homes or businesses and 3.7% were out of compliance

Sump Pump Program

- 2001 Sump Pump Program Failures
 - 12 failures or 63% of total failed inspections
 - Passed reinspection in 2001
 - 97% of corrections made 2001 were still in place!!

Sump Pump Program

- New Homes Built Since 2001
 - 7 failures or 37% of total failed inspections
 - Compliant when issued Certificate of Occupancy

Sump Pump Program

- Program Comparisons
 - 2007 – 2.7% failed
 - 2001 – 7.2% failed

Sump Pump Program

- How much flow comes from sump pumps?
 - A sump pump may contribute approximately 5000 gallons of water per day or 25 times the average wastewater flow per home
 - It is estimated that over 10 million gallons per year was being contributed to the City of Hutchinson Wastewater Treatment Facility prior to this years program

Sump Pump Program

- Flows redirected from the Sanitary Sewer System and WWTP
 - Most pumps run 4 months of the year on average
 - $19 \text{ fails} \times 5000 \text{ gpd} \times 120 \text{ days/year} = 11,400,000 \text{ gallons/year}$

Sump Pump Program

- Remaining inspections
 - 3 initial inspections are incomplete
 - All reinspections are complete



Questions?