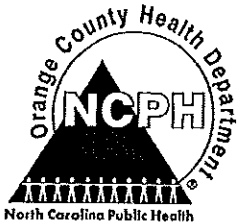


## No Fault Well Repair Fund Report



### ORANGE COUNTY HEALTH DEPARTMENT

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Dental Health Services

Environmental Health  
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Health Promotion and  
Education Services

Personal Health Services



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Environmental Health Services

**Subject :** No Fault Well Repair Fund Update  
**Date:** November 16, 2009  
**From:** Tom Konsler, Environmental Health Director  
**Through:** Rosemary Summers, Health Director  
**CC:** Orange County Board of Health  
Orange County Manager  
Orange County Planning Director

In 2001, American Stone Company and OWASA applied for and received a special use permit for the continued use of the American Stone Quarry until the end of 2030. After that date, OWASA will operate the facility as a reservoir. The Quarry is located approximately 5 miles west of Carrboro on Hwy 54. As a condition of the special use permit, American Stone established a "No Fault Well Repair Fund" (NFWRF) for those residents whose property is within 3,000 feet of the perimeter of the quarry and who experience well failures not directly attributable to the quarry operation. The initial fund amount was \$87,500 and can be augmented by \$20,000 per year as needed to meet the community needs. Well failures that are a "probable result" of the quarry operation must be handled exclusively by American Stone at their expense. To our knowledge, there have been no failures that have been attributed to quarry operations.

In 2002, The Board of Health (January, 2002) and the Board of County Commissioners (June 4, 2002) adopted a policy and implementation process for this fund. The policy has provisions for well repair, renovation, treatment or replacement; including a schedule that allows for replacement of the well pump.

OCHD environmental health staff members have responsibilities in providing sampling services, technical assistance, consultation regarding remedies, and determination of well failure. Purchasing and Central Services secures and manages contracts with certified well contractors for actual repairs or replacement after environmental health staff members authorize the work. The Board of Health is the avenue of appeals for those residents who are not satisfied with the process.

For a period of four years, residents who had detectable levels of arsenic in their well were provided bottled drinking water through the fund. In 2008, the bottled water delivery was discontinued in lieu of installation of appropriate water treatment equipment to remove arsenic.

Information about the No Fault Well Repair Fund is posted on the Health Department website with contact information and an application for water samples and claims. Inquiries to the Health Department average about 1 call per month and investigations referred to American Stone number about 2 per year.

To date, 68 applications have been received for services. 30 of the homes have had remedies implemented. Approximately \$109,000 has been paid out from the fund and a balance of approximately \$102,000 remains. Please refer to the attached summary report for remedies and expenses provided from inception through June 2009.

## No Fault Well Repair Fund Summary 2002-2009

Type of Remedy	Total Fund Expenditures	Average Expenditure/Year	Total Number of Remedies	Average Cost/Remedy	Total Unreimbursed Staff Cost	Unreimbursed Staff Cost/remedy
Water Purchase	\$16,786	\$2,398				
Treatment Systems	\$26,189	\$3,741	16	\$1,636.81	\$3,360.00	\$210
Well Replacement	\$57,301	\$8,186	10	\$5,730.10	\$4,800.00	\$480
Well Repair	\$1,400	\$200	1	\$1,400.00	\$400.00	\$400
Pump Replacement	\$1,414	\$202	3	\$471.33	\$120.00	\$40
Sampling Costs	\$6,040	\$863				
<b>Total</b>	<b>\$109,130</b>	<b>\$15,590</b>	<b>30</b>		<b>\$33,900.00</b>	