



## Southern Ute Water Treatment Plant annual drinking water quality report

Operated by the Southern Ute Utilities Division of the Southern Ute Indian Tribe  
293 Mouache Circle, P.O. Box 1137  
Ignacio, CO 81137  
(970) 563-5500; Fax (970) 563-5510

### OVERVIEW

We are pleased to present our Annual Water Quality Report. Our goal is to provide you with a safe and dependable supply of drinking water. This report contains information about our water quality for the last calendar year.

### WATER SOURCE

The Pine River is the source of the water treated at the Southern Ute Indian Tribe's Water Treatment Plant. At the time of this publication, Vallecito Reservoir is expected to stay full throughout the coming irrigation season and should again provide us with excellent water. The high quality river water and our modern Water Treatment Plant will assure very high quality water to all of our customers.

### EPA REQUIRED TESTING

The Tribe's Water Treatment Plant routinely tests for contaminants in your drinking water in accordance with Federal and State laws. These tests are required by the EPA (Environmental Protection Agency) for any public drinking water supply. The tests are very thorough and cover most natural and man-made pollutant including: bacteriological tests for spores like Giardia Lamblia; tests for radioactive contaminants from natural soil deposits; inorganic contaminant tests for metals; synthetic organic contaminant tests for herbicides and pesticides; and volatile organic contaminant tests for man-made chemicals such as gasoline and solvents.

The attached table shows the results of the Utilities Division's monitoring for the period of January 1st to December 31st, 2011. We are proud to announce again this year that the water from our Water Plant is very safe and has continued its long-standing record of zero violations of the EPA's quality requirements since 1985. Please look at the third column on the table below. The letter "N" means that we had no violations for the tests.

### VOLUNTARY FLUORIDE PROGRAM

Not only is our water safe but it also contains the minimum amount of fluoride needed to reduce dental cavities. Fluoride makes teeth cavity resistant, especially in young children. This is an added cost of about \$4,000 per year to the Tribe.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The following list provides terms, abbreviations and definitions used in the table (see page 11):

**Non-Detects (ND)** – laboratory analysis indicates that the constituent is not present.

**P/A** – presence or absence of coliform bacteria.

**Parts per million (ppm) or Milligrams per liter (mg/l)** – one ppm corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter** – one ppb corresponds to one minute in 2,000 years, or a single penny in \$10 Million.

**Parts per trillion (ppt) or Nanograms per liter (nanograms/l)** – one ppt corresponds to one minute in 2 Million years, or a single penny in \$10 Billion.

**Parts per quadrillion (ppq) or Picograms per liter (picograms/l)** – one ppq corresponds to one minute in 2 Billion years or one penny in \$10 Trillion.

**Picocuries per liter (pCi/L)** – a measure of the radioactivity in water.

**Million Fibers per Liter (MFL)** – measure of the presence of asbestos fibers that are longer than 10 micrometers.

**Nephelometric Turbidity Unit (NTU)** – units used to measure water clarity. Turbidity in excess of 5 NTU is just noticeable to the average person.

**Action Level** – the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements that a water system must follow.

**Treatment Technique (TT)** – (mandatory language) this is a required process intended to reduce the level of a contaminant in drinking water.

**Maximum Contaminant Level (MCL)** – (mandatory language) the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG)** – (mandatory language) the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

### GENERAL INFORMATION ABOUT DRINKING WATER

All sources of drinking water are subject to potential contamination by naturally occurring or man-made constituents. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

**Nitrate:** Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels

may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, and detected nitrate levels are above 5 ppm, you should ask advice from your health care provider. The Tribe's Nitrate level tested at 0.1 parts per million. You do not need to worry about Nitrate in the water received from the Southern Ute Indian Tribe.

**Lead:** If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Southern Ute Water Treatment is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is avail-

able from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

**Immuno-compromised persons:** Some people may be more vulnerable to contaminants in drinking water than the general public. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV-AIDS or other immune system disorders, some elderly, and infants can be particularly at risk of infections. These people should seek advice from their health care providers about drinking water

**More specific information:** EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and microbiological contaminants are available from the Safe drinking Water Hotline above.

Please call Hayes Briskey or Kelly Jesse at our Utilities Office at (970) 563-5500 if you have any questions about your domestic water or our operation. We can provide tours for individuals or groups (school classes) who would like to understand more about our water system.



## Southern Ute Youth Turkey Hunt April 28-29, 2012

The Southern Ute Wildlife Division and National Wild Turkey Federation (NWTf) are sponsoring a Youth Turkey Hunt on Tribal lands on April 28<sup>th</sup> and 29<sup>th</sup>, 2012. Our goal is to educate and encourage Tribal Member youth about hunting and outdoor activities on the Reservation. The Hunt will be filmed and broadcast on NWTf's Turkey Call television show.



### Requirements:

- ✓ 12 to 17 years old (after April 28<sup>th</sup> 1995 and before April 28<sup>th</sup> 2000)
- ✓ Passed Hunter Education
- ✓ Enrolled Southern Ute Tribal Member

In addition, the Wildlife Division is interested in recruiting experienced adult Tribal Member turkey hunters to serve as mentors for the youth hunters.

Please contact the Southern Ute Wildlife Division at (970) 563-0130 for more information, to register, or volunteer.

## 2012 LAKE CAPOTE RECREATION AREA SCHEDULE & FEES



398 HWY 151  
Pagosa Springs, CO 81147  
Phone #: (970) 883-2273

### LAKE CAPOTE OPERATING SCHEDULE

**Opening Day: April 12<sup>th</sup>, 2012**

Initially, the Lake will operate on a 4 day a week schedule, Thursday through Sunday, until May 6<sup>th</sup>.

The 24/7, 7 days-a-week schedule begins Thursday, May 10<sup>th</sup>, 2012.

Gates will be open 24/7 until September 2<sup>nd</sup>.

September 6<sup>th</sup> through October 8<sup>th</sup>, Lake Capote will resume a Thursday through Sunday, 4 days-a-week schedule.

**Closing Day: October 7<sup>th</sup>, 2012**

Lake Capote is regularly stocked with rainbow trout, brown trout, largemouth bass and catfish.

**Southern Ute Tribal Members receive free fishing & camping.**

(Not including Derby permits & RV sites)

- New Shade Structures & Docks
- Night Fishing when advertised
- Tribal Members receive 50% off RV sites
- More food items & fishing supplies available at Bait Shop

### 2012 Lake Capote Permit Fees

(Fishing Bag Limit: 3 trout, 1 catfish, all fish 16" or larger and largemouth bass are catch and release only)

Adult Fishing: \$8  
Youth Fishing: \$4  
Derby Permit: \$13  
Tent Site: \$13  
RV Site (elec. & water): \$20  
Day Use (1st 1/2 hour free): \$3

(Call for weekly RV discounts or for promotional offers to rent the entire campground for special events)

\* Night fishing will also be back this summer \*

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