



Photo by Scott Newton

Breakfast is served

Wec Rumbaugh, Bob Montgomery and Dennis Crow kept busy Sunday morning cooking breakfast at the Kiwanis Club of Sandy's Fly-in Breakfast. Montgomery, chairman of the event, said the turnout was down just a little, though it was

still a successful fund raiser. Among the projects the club supports is the Mt. Hood Kiwanis Camp in Rhododendron, which is for handicapped children.

Group tours the Bull Run Watershed

by DEBBIE KLOSOWSKI

It wasn't your typical school bus tour group.

Senior citizens, teachers, the "world's oldest retired letter carrier" and a host of other people got together last week to tour the Bull Run Reserve.

The Bull Run Watershed, located in the Mount Hood National Forest, is the primary water source for the metropolitan area.

Access to the reserve is generally limited to Water Bureau and Forest Service employees in order to safeguard the water quality. The mystique of the reserve had people jumping at the chance to join Sam Barlow High School teacher Jerome Fulton's tour.

Portland Water Bureau Inspector George Mickelson met the group at the forest entrance, then unlocked the gate into the reserve.

was built to hold back surplus water. While the original pipeline is no longer in use, the remaining pipelines can transport up to 225 mgd to the Portland area.

While 225 mgd may seem like an enormous amount, the water bureau has plans for another pipe in the future.

According to Water Bureau Engineer Jim Doane, the city plans to build a fifth conduit capable of transporting 200 mgd by the year 2005. However, the pipe is planned to meet transportation, rather than water supply, concerns.

"Our intent for number five is to ensure that we can continue to transport enough water to the city," Doane said. For example, an additional pipe would come in handy in case one of the other conduits was out of commission.

A landslide recently caused a break in a conduit, resulting in the

of containing 21 billion gallons. However, all of the water cannot be counted on due to problems with weather and seasonal changes.

"After we draw down the water the wind may cause waves to crash against the banks," Doane said. "As a result, undesirable materials may get into the water."

After the group examined the dam, Mickelson led them to the reserve's control room. Walking into the room, the group spied a TV propped upon a desk which scanned the entire length of the dam.

"The security cameras are primarily used to monitor the dams for leaks and problems," Mickelson said. However, the cameras also come in handy for spotting trespassers.

Finishing its inspection of water flowage and other controls, the group followed Mickelson into the screening room.

"The water comes to this area for screening and treatment before it is sent out to the city through the pipelines," Mickelson said.

"Nozzles blow the water through a screening device which removes leaves and other debris. Chlorine and ammonia are added to the water, which is then sent directly onto the city through the conduits."

The three Bull Run conduits can provide up to 225 mgd to the Portland area. Yet the existence of reservoirs at Mount Tabor, Washington Park and Powell Butte holding a total of 136 million gallons allows the city to meet excessive water demands.

"The reservoirs let us know if they

need more or less water," Mickelson said. "For example, 4:30 a.m. to 8 a.m. are usually high usage times as well as after dark when people water lawns."

The Portland metro area usually requires a maximum of 225 mgd in summer and a minimum of 85 to 90 mgd in winter, Mickelson said. However, he said the city could survive on 100 mgd to meet drinking, fire and manufacturing needs.

The undisputed high point of the day for most tour-goers was lunch on the Bull Run Lake. Mount Hood peeked through the clouds and watched over the group as they sat by a cabin built in 1892 and enjoyed their lunch.

The Portland metro area usually requires a maximum of 225 million gallons a day in the summer and a minimum of 85 to 90 million gallons a day in the winter.

Winding down a forest road, the bus followed Mickelson's truck to the headworks of the Bull Run. The headworks, built in 1890, is the area where the water is screened for debris, treated and then diverted through conduits to the Portland area.

"The city of Portland was looking for a long-range water system and settled on the 102 square mile Bull Run watershed," Mickelson said.

In 1895, the city built a pipeline to transport 25 million gallons of water per day (mgd) into the Portland area. A second conduit transporting 50 mgd was built in 1911 to meet increasing water demands.

In order to control the water within the watershed, the city built a dam on the Bull Run Lake in 1917. The lake does not flow directly into the river but travels underground for three-eighths of a mile.

Increased water demands led to the construction of two more pipelines in 1925 and 1953 which were capable of transporting 75 and 100 mgd each. In addition, another dam

loss of between 1 and 2 million gallons a day. However, water bureau crews were able to fix the break before emergency measures were taken.

During peak periods, the Bull Run Lake and the two dams are capable

Reassignment topic of meeting

The Sandy Elementary District board of directors will hold a special meeting on Thursday, July 25 at 7:30 p.m. in the Cedar Ridge School library.

The purpose of the meeting will be to receive community response regarding the board's recent decision to reassign building principals.

Friday audition set for 'Treasure Makers'

Auditions will be Friday, July 26 from 1 to 5 p.m. at the Heritage Square Theater for young people wishing to be in "The Treasure Makers."

Summer Youth Theater is a joint venture of the city of Sandy and the Sandy Community Players.

About 13 actors and actresses between the ages of 10 and 15 are needed, though there will be some flexibility as far as the age requirement.

Larry Leedy, director, said it "looks like it's going to be a fun show."

It will be performed Sept. 7 and 8 at 1 p.m. at Meinig Park, and then will tour area grade schools Sept. 9 through 13.

Leedy is a Mt. Hood Community College student. He studied at the American Academy of Dramatic Arts, and was involved with opera in New York City and Long Beach. He has worked for Walt Disney Studios, and also worked on "Days of Our Lives," and "Poltergeist." He is currently director of theatre arts at Dexter McCarty Middle School in Gresham.

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Way to go, Judi!



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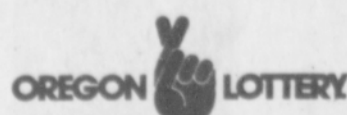
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Craig Anderson

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