

Ellsworth AFB Restoration Advisory Board Meeting
East Waterline Update
4 December 2007

Water bills – The process by which Ellsworth pays the water bills for east waterline landowners according to their Memorandum of Agreement is working smoothly. Each water bill shows the last month's consumption, total consumption for the year, and amount of "free" water remaining for that year. The water allocation is for the calendar year and resets to "zero" the beginning of January. Box Elder will read the water meters either just before or just after January 1 to begin the new metering period.

Monthly Water Sampling by Ellsworth AFB – Ellsworth resumed monthly sampling of the east waterline in October. The sampling is the same as that performed before the transfer of operation of the waterline to Box Elder March 2007. Jean Kroeger, a local contractor who previously performed the sampling for Ellsworth and who has worked with the waterline landowners since the mid 1990s, will collect the samples. The sampling will be independent of, and in addition to, Box Elder's compliance sampling.

Box Elder Public Works 24 hour emergency phone number – If you experience problems with the water supply, Box Elder Public Works has a 24-hour emergency phone number - 209-2077. A public works employee is on-standby and will respond as appropriate to verify, document and/or repair any water supply problems. They are also able to collect water samples if necessary.

Wagon Wheel Well #8 water treatment system – Box Elder has purchased a treatment system for the Wagon Wheel well with the high iron content water. They have constructed an addition to the well building for the treatment equipment. The well is currently turned off and Box Elder does not plan to use it until the treatment system is operational. They intend to limit well use to periods of high demand.

Box Elder Madison well production increase – A new Madison Aquifer well (well #6), located west of Radar Hill Road on Sunnydale, was placed into service earlier this year. In November, the test pump was replaced by a state-of-the-art permanent pump. The new pump increases the production of the deep well from 285 gallons per minute (gpm) to up to 450 gpm, an increase of 165 gpm. This will be especially helpful during peak demand periods. By comparison, the Wagon Wheel well produces about 90 gpm.

Booster Station – The Ellsworth Road booster station installed earlier this year can pump up to 1,150 gpm from Box Elder's south system to the north (school house) water tower and to the east waterline. The booster station provides most of the water for the east water line and can transfer the increased production from the new Madison well.

New Box Elder well and reservoir – Box Elder has acquired the easements to construct a deep well, reservoir, and water line at the north end of 150th, at the top of the hill on the Ghere property. The reservoir will be approximately the same height as Ellsworth's and provide similar pressures for the east waterline. They may complete a 10% design but will wait for progress on permanent transfer of the waterline before constructing. The "Water Supply and Storage System Project" was placed on the 2008 State Water Facilities Plan. This makes the project eligible for state and federal funding consideration.