

MILL CREEK

JUNE 27, 1997 TOUR WITH ED HIGBEE (PAST COMMISSIONER)

Attended - Lee Sim, Jim Riley, John Larsen

Ed doesn't do much - basically lets water users work out the distribution. As water drops he generally does not make changes or regulate headgates. If there is low flow and someone is taking too much he might go in and adjust the head gate. The upper ditches are in a state of confusion to a great extent (Kind of a mess. Some ditches abandoned). Not much use. Homes are replacing irrigated land.

These ditches are still active. Telog units have been installed.

East Mill Creek

Keller

Lower Mill Creek

Gaging Station - just below count toll booth. Continuous recorder there. Located at a point below both Upper and Lower Boundary Springs.

Pipeline out of Boundary Springs has a meter which works during the summer but not well in the winter.

White Ditch - at Evergreen Park on Evergreen Ave. On Creek.

Check dam structure - possibility of weir (?)

Telog unit on ditch - rectangle weir - water moves to fast.

Murphy Diversion

On stream south of home at 3502 South 1945 East (East Millbrook Drive)

headgate - commissioner is not sure if there is a measuring device or not (across street from 3511).

Upper Canal (Big Cottonwood Creek) runs along 2000 East. At stream across from house at 3498 South there is an overflow with a telog that puts water from Upper Canal into Mill Creek (so it can be diverted into Murphy Ditch below). Further north (past 3490 South intersection) is a turn out from Upper Canal to put water into Hoaglund Ditch. The Hoaglund Diversion is 2 or 3 house upstream of house at 3498 South 2000 East. This way either Big Cottonwood or Utah Lake water can be put into Hoaglund or Murphy Ditch. These two ditches are the lower Mill Creek exchange for Salt Lake City.

Keller Ditch

Evergreen Ave/Oakwood Street 2550 East then south to intersection of Mill Creek.

Diversion is just upstream. There is a telog unit on ditch. Just above diversion is a mill race which enters stream - which diverts higher up (Brigham Young ditch diverts off from this mill race.)

Brigham Young Ditch

(This ditch and the two Neff Ditches make up the East Mill Creek water users)

Tellog just off Evergreen Ave at home #2984 East. Diversion comes off Mill Race. Mill Race splits into Brigham Young ditch and return to Creek at private road off Evergreen at 2604 East.

Small Neff Diversion (small use & house use rights) off Mill Race at Evergreen and 2660 East.

Mill Race diverts upstream of curve in road at top of Evergreen Ave.

Further upstream - diversion for one of the Neff ditches (Lower Neff) concrete structure with headgate and telog. Later in the season they often put in check boards.

Further upstream - upper Neff Diversions with telog (though it is partially buried in sediment) probably not reading

2 meters (one of each) at tank where upper and lower Boundary Springs are stored at mouth of canyon.

Gaging station at mouth of canyon - (at fee station) this flow plus the flow of the Boundary Springs (the portion which is piped) gives the flow of Mill Creek.

Boundary Springs are a short way up canyon.

Lower Boundary has an overflow back to the creek

Upper Boundary has an overflow back to the creek

Small Diversions

(Part of first ditches on Mill Creek water rights list.)

Gilroy Road (3700 East) Mill Creek Road 3710 South

James Russell Ditch off Mill Race