



This report is to summarize the extra costs for meter installations, leak repairs and new house construction taps. At this point 75 water meters have been installed and all are reporting except 1 at Jeff Weiss's house. Dan is working on this issue currently.

**Hugh Roberts Leak (76 Little Elk Creek Ave.)**

This is the repair that was in the middle of the road by John's house. This leak was caused by the breakdown of Hugh Roberts's waterline disintegrating after many years of use. This is one of the oldest houses in the development. The saddle did warp the main line so there was much more work to repair it than anticipated. On top of that the warped line also made it impossible to add the new shut off valve on the main without replacing that section of main line. The importance of adding this shut off valve was to take the largest section of the main (about 14 houses) and split it in two. Now all of the sections of main line are similar in number of houses it services, which will make it much easier to isolate leaks on the main section of water lines. Dan calculated if all was normal Hugh would have paid about \$5,900 to fix this leak. I think we should reduce that amount a little because if we had decided to put in a shut off we would have found the main line warped and had to replace that section anyway at close to the total cost of this project. I think we should pick up part of the excavation cost that is in Hugh's total number because we benefited from the excavation already being done for this installation. I am proposing that we charge Hugh \$4,500.00 and LECV pays \$7,708.63 of the total bill.

Typical connection replacement -\$5,900.00

LECV shut off on main total cost- \$6,308.63 (breakdown below)

- Cost for new valve -\$2,500.00
- cost for new length of pipe -\$3,200.00
- special tap (1" tap, GJ drive) -\$608.63

Total Bill \$12,208.63

**Andy Wiessner Water Meter Installation (6650 E. Sopris Creek Road)**

Paid by meter project contingency fund: -\$5,746.00

Total to pay by Wiessner to LECV: \$0.00

**Total Invoice: \$ 5,746.00**

All of the problems caused at Wiessner's meter pit install were caused by an un-charted connection of the new tap to the new water line installed in about 1991/92. The old tap was capped in 2008 or so but the original water line to the main was left in place. This meant an unseen angle in the new water service connection to the new main which caused all the problems- larger hole, more time to excavate, replacement of one curb stop and a visible capping of the old line to make sure there was no cross connection.



**Michael Polsky Water Meter Installation (6401E. Sopris Creek Road - caretaker barn)**

Bill to Meter Contract as 2" meter pit:	-\$1,000.00
Paid by meter project contingency fund:	-\$2,000.00
Total to pay by Polsky to LECV:	\$4,819.79

**Total Invoice: \$ 7,819.79**

Pay by Michael Polsky: service line at location of meter pit was deeper than normal (8'), 2" meter necessitated a larger hole, location needed constant dewatering of hole, larger machine needed to set manhole for larger meter, trench box due to these conditions.

Paid by Meter Pit contingency fund: partial costs for dewatering, larger hole, use of larger machine to set manhole for larger meter.

**Ben Howard Water Meter Installation/Yard Hydrant (7 Alexander)**

Paid by meter project contingency fund:	-\$3,400.00
Total to pay by Howard to LECV:	\$8,245.11

**Total Invoice: 11,645.11**

Paid by Ben Howard, owner- excavation across Alexander Ave to water main on edge of LEC easement on east side of Alexander, water tap to main, connection to meter pit piping on west side of street, installation of a yard hydrant for construction purposes beyond meter pit.

Paid by Meter Pit contingency fund: one day of excavation in the wrong place due to inadequate mapping of where new ductile iron water main attached to system. I suggested a location to dig that exposed the old water main. That old main was tapped but has no water in it.



**Jackie Kaplan/Chad Clark (82 Haystack)**

Paid by meter project contingency fund:	-\$1,500.00
Total to pay by Kaplan/Clark to LECV:	\$5,786.53

**Total Invoice: \$7,286.53**

Pay by Kaplan/Clark: excavate from utility easement into street approximately half way across street, tap unto water main with 1" tap, install a yard hydrant for construction purposes.

Paid by Meter Pit contingency fund: extra utility costs, esp. due to unmarked phone line which was live. The locating service did locate an active phone line between the located power lines. However, there was a second unmarked phone half way between the utility easement on the lot and the street. Once the first phone line was located correctly, there was no reason for the locator to look for another.

Similarly with excavation, once they had exposed the power and the located phone line, they did not need to be careful in their work.

This phone line caused several trips back to the site since the phone company did not show up to do the repair for several days.