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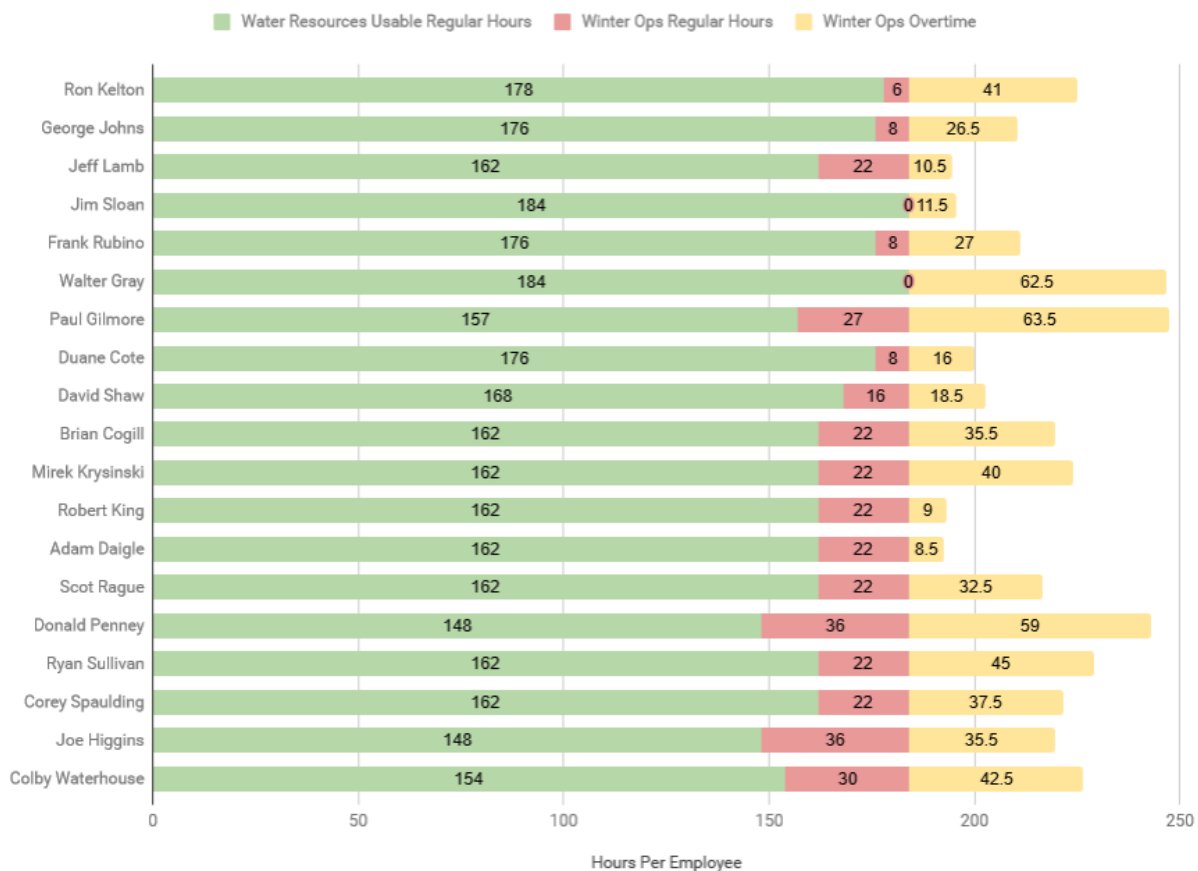
February 1, 2019

## Water Resources Staff Time Analysis Regular work hours vs Winter operations

With January over, there is now a month of data regarding winter operations hours vs Water Resources hours. Hours were logged per day every time a Water Resources employee was used for winter operations, discerning between regular time and overtime.

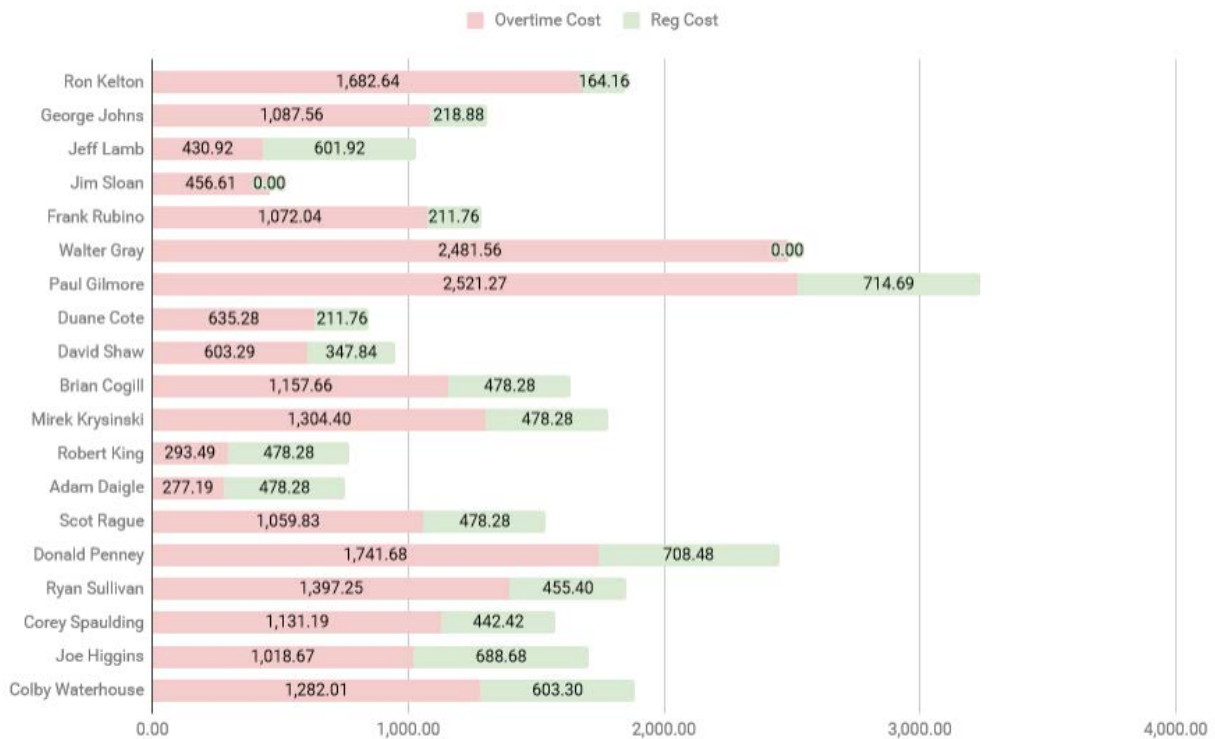
The graph below details the available hours for Water Resources related work (green), winter operations during regular hours (red), and winter operations during overtime (yellow). No Water Resources related overtime is reflected in this analysis, these overtime numbers are purely winter operations.

January Winter Ops Hours per Employee



Winter operations during regular hours ended up being 10.04% of Water Resources available time, accounting for 351 hours out of the available 3496 regular hours in January. On top of the regular hours, 622 overtime hours were spent on winter operations, totaling to 973 hours. The cost of these hours totals to \$29,395, when values are properly applied to employee rates.

### Overtime and Regular Time Costs per Employee



This analysis does not include the three Water Resources employees that have been on leave for the entirety of January.