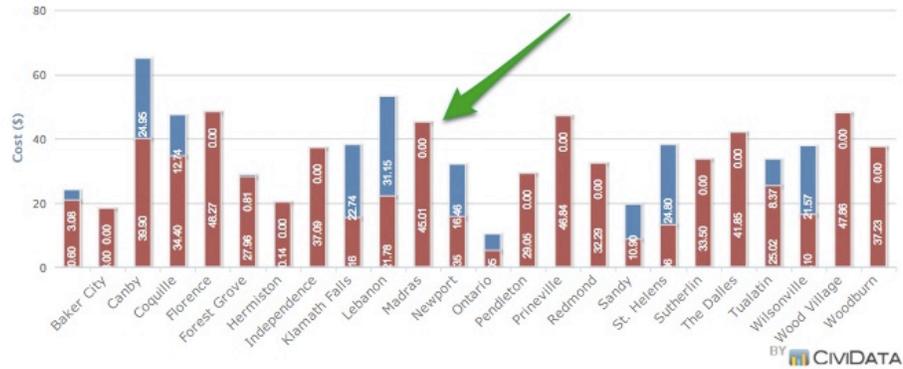




Change Chart: **Stacked Cost**

Wastewater Rate and Cost Analysis



Search Criteria: All entity types; OR; 3,000-27,500 Population Size; Single-Family; 3/4 Meter Size; 5 CCF Consumption



October 2012

Mayor

Melanie Widmer

Councilors

Tom Brown
 Royce Embanks, Jr.
 Jim Leach
 Richard Ladeby
 Kevin O'Meara
 Jon Young

City Administrator

Gus Burril

Single-family residential – 500 cubic feet

Summary

This report includes an analysis of wastewater rates and costs of twenty-four comparable municipal wastewater utilities serving Oregon communities with populations of 3,000 to 27,500.

The comparative analysis demonstrates Madras's overall wastewater rates for single-family residential customers are above average for residential consumption of 5 CCF per month and just below average when consumption is 10 CCF.

Nearly half (11) of the twenty-four comparable utilities charge a flat amount for wastewater. Of these, Madras has the fourth highest charge.

Of those that charge usage, the amount of usage included with the base charge averages less than 1 CCF, with a maximum of 5 CCF.

Comparison 1 – 5 CCF

Madras's single-family residential wastewater service for 5 CCF (3,740 gallons, which is typical consumption in winter months) costs \$45.01, \$9.07 more (25%) than the average cost of \$35.94 for the comparable municipal utilities (see gauge 1 above).

Madras's base cost of \$45.01 is \$16.68 more (59%) than the average base cost of \$28.33, however Madras charges a flat rate for wastewater (see gauge 2 and 3 above). As a result Madras does not have any usage charges, compared to an average of \$7.61 for the comparable utilities (see gauge 4 above).

As water consumption increases, consumption charges will increase for the other comparable utilities. This will result in Madras's relative cost for wastewater services to fall.



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Wastewater Rate and Cost Analysis



Search Criteria: All entity types; OR; 3,000-27,500 Population Size; Single-Family; 3/4 Meter Size; 10 CCF Consumption



October
2012

Single-family residential – 1,000 cubic feet

Comparable Utilities

- Ashland
- Baker City
- Canby
- Coquille
- Florence
- Forest Grove
- Hermiston
- Independence
- Klamath Falls
- Lebanon
- Madras
- Newport
- Ontario
- Pendleton
- Prineville
- Redmond
- Sandy
- Sherwood
- St. Helens
- Sutherlin
- The Dalles
- Wilsonville
- Wood Village
- Woodburn

Comparison 2 – 1,000 CCF

Madras's single-family residential wastewater service for 10 CCF (7,480 gallons, typical usage for a larger family) costs \$45.01, \$1.60 less (-4%) than the average cost of \$46.70 for the comparable municipal utilities (see gauge 1 above).

Madras's does not have consumption charges, with the average consumption charges for the comparable utilities equaling \$18.54 (see gauge 4 above).

Madras's rate structure is entirely weighted to fixed charges. This policy provides consistent and predictable revenue. However, the policy does not encourage conservation, which as the City experiences growth, may be a method to extend the capacity of the existing infrastructure.

About CiviData

CiviData is a web based data aggregator of benchmarking information of public sector organizations.

The information and analysis included in this report was secured from public sources. Although we have performed reasonable due diligence to provide accurate information, including review of source documents authorizing the charges and internal review, differences in cost calculations may result.

The report and analysis is intended to assist with informing policy makers. Policy makers are encouraged to combine this analysis with other analysis, such as financial analysis, asset replacement analysis, and operational analysis to inform their decisions.

For additional information see our website at <https://cividata.com>.



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