

FACT SHEET

DSPUD Wastewater Treatment Plant General Information

- Improvements to the DSPUD Wastewater Treatment Plant are necessary because:
 - The existing plant does not consistently meet permit requirements for discharge to the South Yuba River for: ammonia, nitrate and other constituents.
 - There is a need to provide service for additional connections in DSPUD and SLCWD consistent with the general plan.
- The existing tertiary treatment plant is permitted for a 0.52 MGD (million gallons per day) on an average dry weather day. The plant services 818 EDU (equivalent dwelling units) in DSPUD and 816 in SLCWD.
- The key objectives of the project are to:
 - Meet permit requirements
 - Keep rates reasonable
 - Improve water quality
 - Minimize environmental impacts
- The proposed project includes using MBR (membrane bioreactor) followed by UV disinfection to treat the effluent before discharge to the South Yuba River.
- DSPUD's share of the total Project cost**, which includes estimated planning and construction costs currently estimated to be \$22.7 million (\$13.7 million allocated to DSPUD and \$9.0 million to Sierra Lakes County Water District).
- The project involves the following components: flow equalization/headworks (increase from 200,000 to 750,000 gallons and new screens), biological treatment, disinfection, filtration, emergency storage, biostimulation storage, effluent irrigation facilities, and biosolids handling.
- Expected new capacity is 1.27 MGD on a peak day and 0.80 ADMW (average day maximum week) flow to accommodate the wide fluctuations in flow during winter months and future EDUs. Average Dry Weather maximum flow remains the same.
- The current financial analysis suggests that residential rates will increase from \$110.32 to between \$154.00 to \$168.00 per month (an increase range of 40 to 52%).
- The plant must be in compliance with its permit in April 2014 to avoid additional fines and punitive action. The Project will go to bid in December 2011. Construction must commence in May 2012 to be finished by December 2013. Rates must be approved in the spring/summer of 2011 to secure government funding sources.

Visit www.DSPUD.com for more detailed information.

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